

## Spis piktogramów w nagłówkach

|           |                     |           |                         |  |                                |  |                             |
|-----------|---------------------|-----------|-------------------------|--|--------------------------------|--|-----------------------------|
| <b>In</b> | Prąd znamionowy (A) | <b>Un</b> | Napięcie znamionowe (V) |  | Uwagi, uzupełnienia            |  | Masa                        |
| <b>x</b>  | Ilość śrub          |           | Gwint                   |  | Kolor                          |  | Praski                      |
|           | Profil półokrągły   |           | Profil sześciokątny     |  | Przekrój podłączanego przewodu |  | Średnica przewodu           |
| <b>x</b>  | Ilość złącz         |           | Strona zasilania        |  | Strona odgałęźna               |  | Drut, linka, przewód giętki |
|           | Zakres zaciskania   | <b>xP</b> | Ilość pól               |  | Znamionowe napięcie izolacji   |  |                             |

## Spis piktogramów w danych technicznych

|  |                                 |  |                                 |  |                               |  |                                                      |
|--|---------------------------------|--|---------------------------------|--|-------------------------------|--|------------------------------------------------------|
|  | Materiał: Aluminium             |  | Materiał: Cynowana miedź        |  | Materiał: Stop miedzi         |  | Materiał: Z miedzi cynowanej                         |
|  | Materiał: Cynowana miedź        |  | Materiał izolacji: Poliamid 6.6 |  | Materiał izolacji: Polietylen |  | Materiał izolacji: Poliolefin                        |
|  | Materiał izolacji: Polipropylen |  | Materiał izolacji: PVC          |  | Temperatura otoczenia         |  | Moment dokręcania                                    |
|  | Montaż na szynę TH35            |  | Stosunek kurczliwości           |  | Stopień ochrony               |  | Materiał: Miedź niklowana                            |
|  | Znamionowe napięcie izolacji    |  | Materiał: Cyna                  |  | Materiał: Aluminium-Cyna      |  | Materiał podłączanych przewodów: aluminium lub miedź |





Nieizolowane końcówki oczkowe **2**



Nieizolowane końcówki rurkowe **4**



Nieizolowane długie końcówki oczkowe z aluminium **7**



Nieizolowane długie końcówki oczkowe Al **8**



Nieizolowane końcówki oczkowe ze śrubkami **8**



Nieizolowane końcówki widelkowe **9**



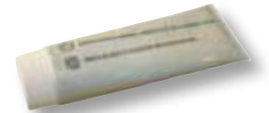
Izolacja na końcówki kablowe **9**



Nieizolowane łączniki rurkowe Cu-Al **10**



Łączniki i końcówki rurkowe ze zrywalnymi śrubami **12**



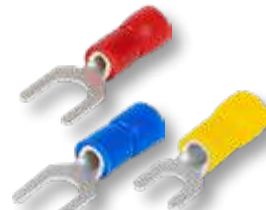
Pasta ochronna na styki **13**



Łączniki śrubowe do wykonywania odgałęzień kablowych **13**



Izolowane końcówki oczkowe **14**



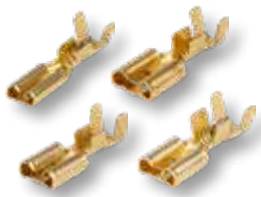
Izolowane końcówki widelkowe **15**



Izolowane końcówki igiełkowe **16**



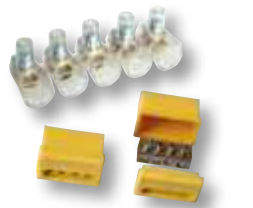
Łączniki termokurczliwe z cyną **17**



Elektryczne złączki wsuwane **18**



Kończówki tulejkowe **22**



Łączniki śrubowe **25**



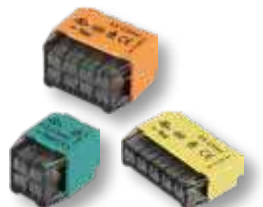
Łączniki zatrzaskowe **25**



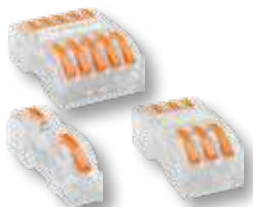
Złączki oświetleniowe, standardowe **26**



Wodoodporne obudowy z tworzywa sztucznego z żelem + łączniki bezśrubowe **26**



Łączniki bezśrubowe, wtykane **27**



Łączniki bezśrubowe, otwierane, przezroczyste **30**



Złączki do paneli solarnych **32**



Złączki przełotowe FFE **32**



Złączki odgałęźne na szynę FLS **34**



Złączki kompaktowe na szynę FLE **34**



Złączki kompaktowe FLEAL **35**



Złączki rozgałęźne z otwieraną pokrywą FLSO **40**



Blok rozdzielczy z otwieraną pokrywą FLSO **41**



Złączki przełotowe z otwieraną pokrywą FLSOT **42**



Złączki elastyczne **43**



Sprężynowe zaciski połączeniowe TSKD (bez śrub) **45**

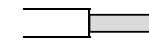


Seria przemysłowych zacisków połączeniowych TSKA **46**



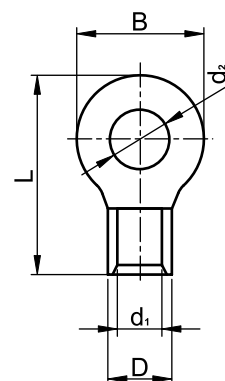
Seria sprężynowych zacisków połączeniowych TSKC (bez śrub) **50**

## Nieizolowane końcówki oczkowe

| TRACON   | d <sub>1</sub><br>(mm) | d <sub>2</sub><br>(mm) | D<br>(mm) | L<br>(mm) | B<br>(mm) |  mm <sup>2</sup> |  |  |  |  |  |  |
|----------|------------------------|------------------------|-----------|-----------|-----------|---------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| SZ1.5-3  | 2.3                    | 3.7                    | 4         | 16        | 8.4       |                                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| SZ1.5-4  | 2.3                    | 4.3                    | 4         | 16        | 8.4       |                                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| SZ1.5-5  | 2.3                    | 5.3                    | 4         | 16        | 8.4       |                                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| SZ1.5-6  | 2.3                    | 6.4                    | 4         | 21.5      | 11.6      | 1.5-2.5                                                                                           | 1.5-2.5                                                                           | 1-1.5                                                                             |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| SZ1.5-8  | 2.3                    | 8.4                    | 4         | 21.5      | 11.6      |                                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| SZ1.5-10 | 2.3                    | 10.5                   | 4         | 25.5      | 13.7      |                                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| SZ2.5-4  | 3                      | 4.3                    | 5         | 17.8      | 8         |                                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| SZ2.5-5  | 3                      | 5.3                    | 5         | 17.8      | 8         |                                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| SZ2.5-6  | 3                      | 6.4                    | 5         | 21        | 12        | 4-6                                                                                               | 2.5-4                                                                             | 2.5-4                                                                             |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| SZ2.5-8  | 3                      | 8.4                    | 5         | 27.5      | 15        |                                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| SZ2.5-10 | 3                      | 10.5                   | 5         | 27.5      | 15        |                                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| SZ2.5-12 | 3                      | 13                     | 5         | 30.8      | 18.9      |                                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| SZ4-4    | 3.4                    | 4.3                    | 5.5       | 19        | 9.6       |                                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| SZ4-5    | 3.4                    | 5.3                    | 5.5       | 19.6      | 9.6       |                                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| SZ4-6    | 3.4                    | 6.4                    | 5.5       | 23        | 12        | 4-6                                                                                               | (2.5)4-6                                                                          | (2.5)4-6                                                                          |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| SZ4-8    | 3.4                    | 8.4                    | 5.5       | 27.6      | 15        |                                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| SZ4-10   | 3.4                    | 10.5                   | 5.5       | 27.6      | 15        |                                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| SZ10-4   | 4.5                    | 4.3                    | 7.1       | 23.8      | 12        |                                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| SZ10-5   | 4.5                    | 5.3                    | 7.1       | 23.8      | 12        |                                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| SZ10-6   | 4.5                    | 6.4                    | 7.1       | 23.8      | 12        | 6-10                                                                                              | (4)6-10                                                                           | 4-6                                                                               |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| SZ10-8   | 4.5                    | 8.4                    | 7.1       | 29.7      | 15        |                                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| SZ10-10  | 4.5                    | 10.5                   | 7.1       | 29.7      | 15        |                                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| SZ10-12  | 4.5                    | 13                     | 7.1       | 32.8      | 19        |                                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| SZ16-5   | 5.8                    | 5.3                    | 9         | 28        | 12        |                                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| SZ16-6   | 5.8                    | 6.4                    | 9         | 28        | 12        |                                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| SZ16-8   | 5.8                    | 8.4                    | 9         | 32.2      | 16        | 16-25                                                                                             | 10-16                                                                             | 6-10                                                                              |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| SZ16-10  | 5.8                    | 10.5                   | 9         | 32.2      | 16        |                                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| SZ16-12  | 5.8                    | 13                     | 9         | 40.9      | 22        |                                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| SZ25-5   | 7.7                    | 5.3                    | 11.5      | 33.7      | 16.4      |                                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| SZ25-6   | 7.7                    | 6.4                    | 11.5      | 33.7      | 16.4      |                                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| SZ25-8   | 7.7                    | 8.4                    | 11.5      | 33.7      | 16.4      | 25-35                                                                                             | 16-25                                                                             | 10-16                                                                             |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| SZ25-10  | 7.7                    | 10.5                   | 11.5      | 36.7      | 17.4      |                                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| SZ25-12  | 7.7                    | 13                     | 11.5      | 42.6      | 22        |                                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| SZ35-6   | 9.4                    | 6.4                    | 13.5      | 42.8      | 22.1      |                                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| SZ35-8   | 9.4                    | 8.4                    | 13.5      | 42.8      | 22.1      |                                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| SZ35-10  | 9.4                    | 10.5                   | 13.5      | 42.8      | 22.1      | 50-70                                                                                             | 35-50                                                                             | 25-35                                                                             |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| SZ35-12  | 9.4                    | 13                     | 13.5      | 42.8      | 22.1      |                                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |

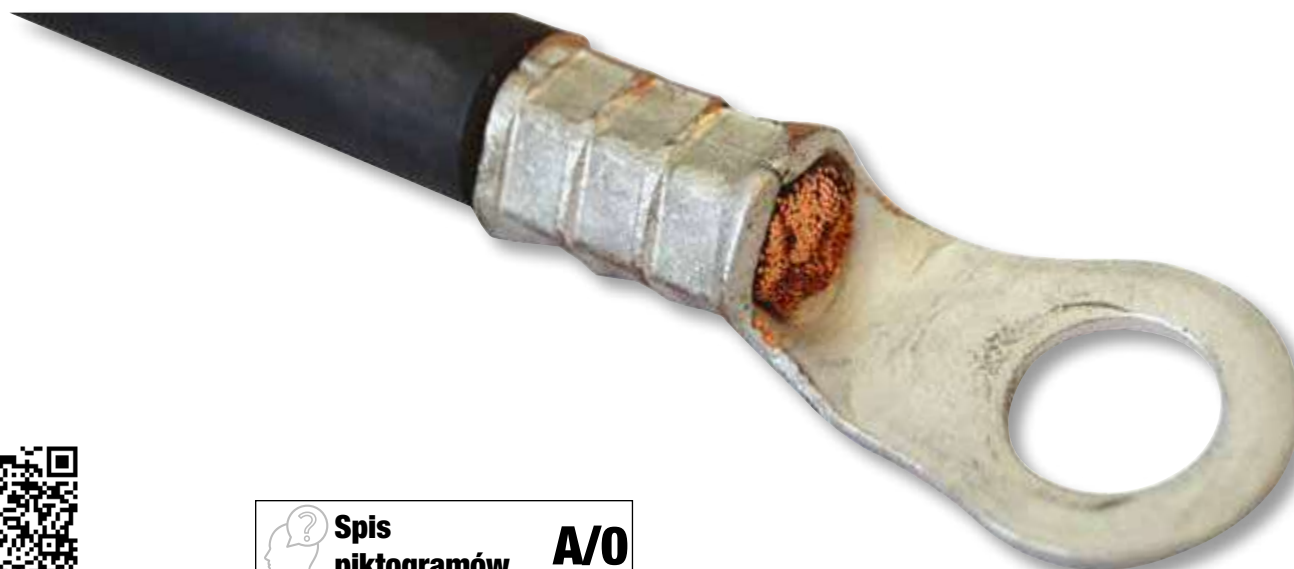


RELEVANT STANDARD  
EN 61238-1



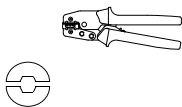
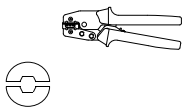
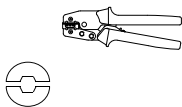
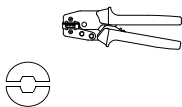
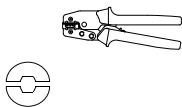
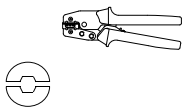
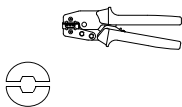
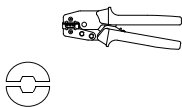
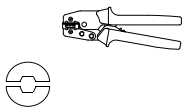
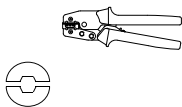
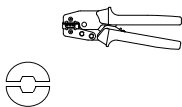
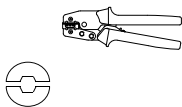
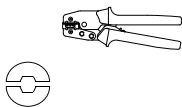
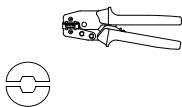
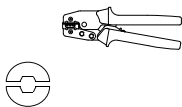
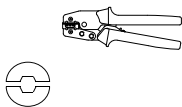
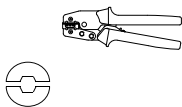
**Nieizolowane końcówki oczkowe**

| TRACON          | d <sub>1</sub><br>(mm) | d <sub>2</sub><br>(mm) | D<br>(mm) | L<br>(mm) | B<br>(mm) | mm <sup>2</sup> |         |         |  |  |  |
|-----------------|------------------------|------------------------|-----------|-----------|-----------|-----------------|---------|---------|--|--|--|
|                 |                        |                        |           |           |           |                 |         |         |  |  |  |
| <b>SZ50-6</b>   | 11.4                   | 6.4                    | 15.5      | 50        | 22        |                 |         |         |  |  |  |
| <b>SZ50-8</b>   | 11.4                   | 8.4                    | 15.5      | 50        | 22        |                 |         |         |  |  |  |
| <b>SZ50-10</b>  | 11.4                   | 10.5                   | 15.5      | 50        | 22        | 70-95           | 50-70   | 35-50   |  |  |  |
| <b>SZ50-12</b>  | 11.4                   | 13                     | 15.5      | 47.2      | 22        |                 |         |         |  |  |  |
| <b>SZ50-16</b>  | 11.4                   | 17                     | 15.5      | 57.4      | 32        |                 |         |         |  |  |  |
| <b>SZ70-6</b>   | 13.3                   | 6.4                    | 17.5      | 51        | 24        |                 |         |         |  |  |  |
| <b>SZ70-8</b>   | 13.3                   | 8.4                    | 17.5      | 51        | 24        |                 |         |         |  |  |  |
| <b>SZ70-10</b>  | 13.3                   | 10.5                   | 17.5      | 51        | 24        | 95-120          | 70-95   | 50-70   |  |  |  |
| <b>SZ70-12</b>  | 13.3                   | 13                     | 17.5      | 51        | 24        |                 |         |         |  |  |  |
| <b>SZ70-16</b>  | 13.3                   | 17                     | 17.5      | 60.7      | 31.8      |                 |         |         |  |  |  |
| <b>SZ95-8</b>   | 14.5                   | 8.4                    | 19.5      | 54        | 27        |                 |         |         |  |  |  |
| <b>SZ95-10</b>  | 14.5                   | 10.5                   | 19.5      | 54        | 27        | 120-150         | 95-120  | 50-70   |  |  |  |
| <b>SZ95-12</b>  | 14.5                   | 13                     | 20.5      | 54        | 23.8      |                 |         |         |  |  |  |
| <b>SZ95-16</b>  | 14.5                   | 17                     | 20.5      | 58        | 27.8      |                 |         |         |  |  |  |
| <b>SZ120-8</b>  | 16.4                   | 8.4                    | 22.5      | 56        | 28.4      |                 |         |         |  |  |  |
| <b>SZ120-10</b> | 16.4                   | 10.5                   | 22.5      | 56        | 28.4      |                 |         |         |  |  |  |
| <b>SZ120-12</b> | 16.4                   | 13                     | 22.5      | 55.6      | 28.4      | —               | 120-150 | 70-95   |  |  |  |
| <b>SZ120-16</b> | 16.4                   | 17                     | 22.5      | 69        | 32        |                 |         |         |  |  |  |
| <b>SZ150-10</b> | 19.5                   | 10.5                   | 26.5      | 65.8      | 36        |                 |         |         |  |  |  |
| <b>SZ150-12</b> | 19.5                   | 13                     | 26.5      | 65.8      | 36        |                 |         |         |  |  |  |
| <b>SZ150-16</b> | 19.5                   | 17                     | 26.5      | 65.8      | 36        | —               | 185     | 150     |  |  |  |
| <b>SZ150-20</b> | 19.5                   | 21                     | 26.5      | 80.5      | 36        |                 |         |         |  |  |  |
| <b>SZ150-24</b> | 19.5                   | 25                     | 26.5      | 80.5      | 36        |                 |         |         |  |  |  |
| <b>SZ185-10</b> | 21                     | 10.5                   | 28.5      | 68.8      | 38.4      |                 |         |         |  |  |  |
| <b>SZ185-12</b> | 21                     | 13                     | 28.5      | 68.8      | 38.4      |                 |         |         |  |  |  |
| <b>SZ185-16</b> | 21                     | 17                     | 28.5      | 68.8      | 35.8      | —               | 240     | 150-185 |  |  |  |
| <b>SZ185-20</b> | 21                     | 21                     | 28.5      | 87        | 38.8      |                 |         |         |  |  |  |
| <b>SZ185-24</b> | 21                     | 25                     | 28.5      | 87        | 38.8      |                 |         |         |  |  |  |
| <b>SZ240-10</b> | 24                     | 10.5                   | 32.5      | 71.5      | 44        |                 |         |         |  |  |  |
| <b>SZ240-12</b> | 24                     | 13                     | 32.5      | 71.5      | 44        |                 |         |         |  |  |  |
| <b>SZ240-16</b> | 24                     | 17                     | 32.5      | 71.5      | 44        | —               | 300     | 185-240 |  |  |  |
| <b>SZ240-20</b> | 24                     | 21                     | 32.5      | 90.6      | 44        |                 |         |         |  |  |  |
| <b>SZ240-24</b> | 24                     | 25                     | 32.5      | 90.6      | 44        |                 |         |         |  |  |  |



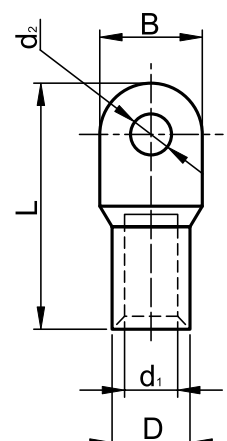


## Nieizolowane końcówki rurkowe

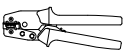
| TRACON   | d <sub>1</sub><br>(mm) | d <sub>2</sub><br>(mm) | D<br>(mm) | L<br>(mm) | B<br>(mm) | mm <sup>2</sup>                                                                   |                                                                                   |                                                                                   |  |  |
|----------|------------------------|------------------------|-----------|-----------|-----------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|          |                        |                        |           |           |           |  |  |  |                                                                                     |                                                                                     |
| CL1.5-3  | 1.9                    | 3.7                    | 3.4       | 17        | 8         | 1.5-2.5                                                                           | 1.5                                                                               | 1-1.5                                                                             |  |  |
| CL1.5-4  | 1.9                    | 4.3                    | 3.4       | 17        | 8         |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |
| CL1.5-5  | 1.9                    | 5.5                    | 3.4       | 17        | 8.5       |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |
| CL2.5-4  | 2.4                    | 4.3                    | 3.9       | 18        | 8         | 2.5-4                                                                             | 2.5                                                                               | 1.5                                                                               |  |  |
| CL2.5-5  | 2.4                    | 5.3                    | 3.9       | 18        | 8         |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |
| CL2.5-6  | 2.4                    | 6.4                    | 3.9       | 19        | 10        |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |
| CL4-5    | 2.8                    | 5.3                    | 4.5       | 20.5      | 10        | 4-6                                                                               | 4                                                                                 | 2.5                                                                               |  |  |
| CL4-6    | 2.8                    | 6.4                    | 4.5       | 20.5      | 10        |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |
| CL6-5    | 3.8                    | 5.3                    | 5.5       | 23        | 10        |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |
| CL6-6    | 3.8                    | 6.4                    | 5.5       | 23.5      | 10        | 10                                                                                | 6                                                                                 | 4                                                                                 |  |  |
| CL6-8    | 3.8                    | 8.4                    | 5.5       | 24.5      | 12.4      |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |
| CL10-6   | 4.5                    | 6.4                    | 6.1       | 24.5      | 10.2      |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |
| CL10-8   | 4.5                    | 8.4                    | 6.1       | 24.5      | 12.6      | 10-16                                                                             | 10                                                                                | 6                                                                                 |  |  |
| CL16-6   | 5.4                    | 6.4                    | 7.1       | 30        | 10.2      |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |
| CL16-8   | 5.4                    | 8.4                    | 7.1       | 30        | 12.7      |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |
| CL25-6   | 6.8                    | 6.4                    | 8.8       | 30        | 12.6      | 25-35                                                                             | 25                                                                                | 16                                                                                |  |  |
| CL25-8   | 6.8                    | 8.4                    | 8.6       | 30        | 12.4      |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |
| CL25-10  | 6.8                    | 10.5                   | 8.8       | 31        | 15        |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |
| CL35-6   | 8.2                    | 6.4                    | 10.5      | 35        | 15.3      | 50                                                                                | 35                                                                                | 25                                                                                |  |  |
| CL35-8   | 8.2                    | 8.4                    | 10.5      | 35        | 15.3      |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |
| CL35-10  | 8.2                    | 10.5                   | 10.5      | 35        | 15.3      |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |
| CL35-12  | 8.2                    | 13                     | 10.5      | 36.5      | 18.6      | 70                                                                                | 50                                                                                | 35                                                                                |  |  |
| CL50-8   | 9.5                    | 8.4                    | 12.5      | 43        | 18        |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |
| CL50-10  | 9.5                    | 10.5                   | 12.5      | 43        | 18        |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |
| CL50-12  | 9.5                    | 13                     | 12.5      | 43        | 19        | 95                                                                                | 70                                                                                | 50                                                                                |  |  |
| CL70-8   | 11.2                   | 8.4                    | 14.5      | 50        | 23        |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |
| CL70-10  | 11.2                   | 10.5                   | 14.5      | 50        | 21        |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |
| CL70-12  | 11.2                   | 13                     | 14.5      | 50        | 21        | 120                                                                               | 95                                                                                | 70                                                                                |  |  |
| CL95-10  | 13.5                   | 10.5                   | 17.2      | 55        | 25        |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |
| CL95-12  | 13.5                   | 13                     | 17.2      | 55        | 25.5      |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |
| CL120-10 | 15                     | 10.5                   | 19.2      | 60        | 28        | 150                                                                               | 120                                                                               | 70-95                                                                             |  |  |
| CL120-12 | 15                     | 13                     | 19.2      | 60        | 28        |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |
| CL120-16 | 15                     | 17                     | 19.2      | 60        | 28        |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |
| CL150-12 | 16.5                   | 13                     | 20.8      | 69        | 30.5      | -                                                                                 | 150                                                                               | 95                                                                                |  |  |
| CL150-14 | 16.5                   | 15                     | 20.8      | 72        | 30.5      |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |
| CL150-16 | 16.5                   | 17                     | 20.8      | 75        | 31        |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |
| CL185-12 | 18                     | 13                     | 23.2      | 78        | 35        | -                                                                                 | 185                                                                               | 120-150                                                                           |  |  |
| CL185-14 | 18.5                   | 15                     | 23.2      | 78        | 35        |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |
| CL185-16 | 18                     | 17                     | 23.2      | 78        | 35        |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |
| CL240-14 | 21                     | 15                     | 26        | 90        | 38.3      | -                                                                                 | 240                                                                               | 150-185                                                                           |  |  |
| CL240-16 | 20.3                   | 17                     | 26        | 90        | 38.3      |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |
| CL300-16 | 23.5                   | 17                     | 30        | 100       | 43.5      |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |
| CL400-16 | 28.5                   | 17                     | 36.5      | 115       | 53        | -                                                                                 | 400                                                                               | 300                                                                               |  |  |
| CL400-20 | 28.5                   | 21                     | 36.5      | 115       | 53        |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |
| CL500-16 | 29.5                   | 17                     | 39        | 125       | 56        |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |
| CL625-16 | 34.5                   | 17                     | 44        | 130       | 62        | -                                                                                 | 625                                                                               | 400                                                                               |  |  |

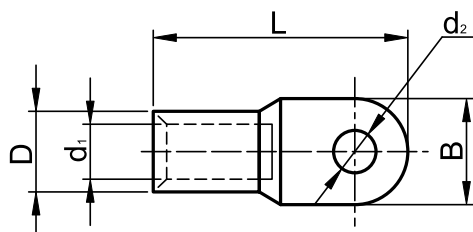


RELEVANT STANDARD  
EN 61238-1



**Nieizolowane końcówki rurkowe**

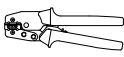
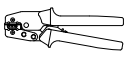
| TRACON    | d <sub>1</sub><br>(mm) | d <sub>2</sub><br>(mm) | D<br>(mm) | L<br>(mm) | B<br>(mm) | mm <sup>2</sup>                                                                   |                                                                                   |                                                                                   |  |  |  |
|-----------|------------------------|------------------------|-----------|-----------|-----------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|           |                        |                        |           |           |           |  |  |  |                                                                                     |                                                                                     |                                                                                     |
| CLH1.5-3  | 1.8                    | 3.4                    | 3.7       | 19.5      | 8         | 1.5                                                                               | 1.5                                                                               | 1-1.5                                                                             |                                                                                     |                                                                                     |                                                                                     |
| CLH1.5-4  | 1.8                    | 4.4                    | 3.7       | 19.5      | 8         | 1.5                                                                               | 1.5                                                                               | 1-1.5                                                                             |                                                                                     |                                                                                     |                                                                                     |
| CLH1.5-5  | 1.8                    | 5.4                    | 3.7       | 19.5      | 8         | 1.5                                                                               | 1.5                                                                               | 1-1.5                                                                             |                                                                                     |                                                                                     |                                                                                     |
| CLH2.5-4  | 2.5                    | 4.4                    | 4.4       | 21.5      | 10        | 2.5-4                                                                             | 2.5                                                                               | 1.5-2.5                                                                           |                                                                                     |                                                                                     |                                                                                     |
| CLH2.5-5  | 2.5                    | 5.4                    | 4.4       | 21.5      | 10        | 2.5-4                                                                             | 2.5                                                                               | 1.5-2.5                                                                           |                                                                                     |                                                                                     |                                                                                     |
| CLH2.5-6  | 2.5                    | 6.4                    | 4.4       | 21.5      | 10        | 2.5-4                                                                             | 2.5                                                                               | 1.5-2.5                                                                           |                                                                                     |                                                                                     |                                                                                     |
| CLH4-5    | 3.8                    | 5.4                    | 5.3       | 23.5      | 10        | 4                                                                                 | 2.5-4                                                                             | 2.5                                                                               |                                                                                     |                                                                                     |                                                                                     |
| CLH4-6    | 3.8                    | 6.4                    | 5.3       | 23.5      | 10        | 4                                                                                 | 2.5-4                                                                             | 2.5                                                                               |                                                                                     |                                                                                     |                                                                                     |
| CLH6-5    | 4.4                    | 5.4                    | 6         | 32        | 8.6       | 10                                                                                | 6                                                                                 | 4                                                                                 |                                                                                     |                                                                                     |                                                                                     |
| CLH6-6    | 4.4                    | 6.4                    | 6         | 32        | 8.6       | 10                                                                                | 6                                                                                 | 4                                                                                 |                                                                                     |                                                                                     |                                                                                     |
| CLH6-8    | 4.4                    | 8.4                    | 6         | 32        | 8.6       | 10                                                                                | 6                                                                                 | 4                                                                                 |                                                                                     |                                                                                     |                                                                                     |
| CLH10-6   | 6                      | 6.4                    | 8         | 38.5      | 11.3      | 10-16                                                                             | 10                                                                                | 6                                                                                 |                                                                                     |                                                                                     |                                                                                     |
| CLH10-8   | 6                      | 8.4                    | 8         | 38.5      | 11.3      | 10-16                                                                             | 10                                                                                | 6                                                                                 |                                                                                     |                                                                                     |                                                                                     |
| CLH16-6   | 6.8                    | 6.4                    | 9         | 42        | 13        | 16                                                                                | 16                                                                                | 10                                                                                |                                                                                     |                                                                                     |                                                                                     |
| CLH16-8   | 6.8                    | 8.4                    | 9         | 42        | 13        | 16                                                                                | 16                                                                                | 10                                                                                |                                                                                     |                                                                                     |                                                                                     |
| CLH25-6   | 7.8                    | 6.4                    | 10        | 46        | 14.4      | 25-35                                                                             | 25                                                                                | 16                                                                                |                                                                                     |                                                                                     |                                                                                     |
| CLH25-8   | 7.8                    | 8.4                    | 10        | 46        | 14.4      | 25-35                                                                             | 25                                                                                | 16                                                                                |                                                                                     |                                                                                     |                                                                                     |
| CLH25-10  | 7.8                    | 10.5                   | 10        | 46        | 14.4      | 25-35                                                                             | 25                                                                                | 16                                                                                |                                                                                     |                                                                                     |                                                                                     |
| CLH35-6   | 8.8                    | 6.4                    | 11        | 52        | 16.4      | 50                                                                                | 35                                                                                | 25                                                                                |                                                                                     |                                                                                     |                                                                                     |
| CLH35-8   | 8.8                    | 8.4                    | 11        | 52        | 16.4      | 50                                                                                | 35                                                                                | 25                                                                                |                                                                                     |                                                                                     |                                                                                     |
| CLH35-10  | 8.8                    | 10.5                   | 11        | 52        | 16.4      | 50                                                                                | 35                                                                                | 25                                                                                |                                                                                     |                                                                                     |                                                                                     |
| CLH35-12  | 8.8                    | 12.5                   | 11        | 52        | 16.4      | 50                                                                                | 35                                                                                | 25                                                                                |                                                                                     |                                                                                     |                                                                                     |
| CLH50-8   | 10.8                   | 8.4                    | 13        | 54.5      | 19.3      | 50                                                                                | 35                                                                                | 25                                                                                |                                                                                     |                                                                                     |                                                                                     |
| CLH50-10  | 10.8                   | 10.5                   | 13        | 54.5      | 19.3      | 50                                                                                | 35                                                                                | 25                                                                                |                                                                                     |                                                                                     |                                                                                     |
| CLH50-12  | 10.8                   | 12.5                   | 13        | 54.5      | 19.3      | 50                                                                                | 35                                                                                | 25                                                                                |                                                                                     |                                                                                     |                                                                                     |
| CLH70-8   | 12.6                   | 8.4                    | 15        | 61        | 21.8      | 95                                                                                | 70                                                                                | 50                                                                                |                                                                                     |                                                                                     |                                                                                     |
| CLH70-10  | 12.6                   | 10.5                   | 15        | 61        | 21.8      | 95                                                                                | 70                                                                                | 50                                                                                |                                                                                     |                                                                                     |                                                                                     |
| CLH70-12  | 12.6                   | 12.5                   | 15        | 61        | 21.8      | 95                                                                                | 70                                                                                | 50                                                                                |                                                                                     |                                                                                     |                                                                                     |
| CLH95-10  | 15.2                   | 10.5                   | 18        | 65.5      | 26.5      | 120                                                                               | 95                                                                                | 70                                                                                |                                                                                     |                                                                                     |                                                                                     |
| CLH95-12  | 15.2                   | 12.5                   | 18        | 65.5      | 26.5      | 120                                                                               | 95                                                                                | 70                                                                                |                                                                                     |                                                                                     |                                                                                     |
| CLH120-10 | 16                     | 10.5                   | 19        | 72        | 27.8      | 150                                                                               | 120                                                                               | 70-95                                                                             |                                                                                     |                                                                                     |                                                                                     |
| CLH120-12 | 15                     | 12.5                   | 19        | 72        | 27.8      | 150                                                                               | 120                                                                               | 70-95                                                                             |                                                                                     |                                                                                     |                                                                                     |
| CLH120-14 | 16                     | 14.5                   | 19        | 72        | 27.8      | 150                                                                               | 120                                                                               | 70-95                                                                             |                                                                                     |                                                                                     |                                                                                     |
| CLH120-16 | 16                     | 16.5                   | 19        | 72        | 27.8      | 150                                                                               | 120                                                                               | 70-95                                                                             |                                                                                     |                                                                                     |                                                                                     |
| CLH150-12 | 17                     | 12.5                   | 21        | 80        | 30.6      | -                                                                                 | 150                                                                               | 95                                                                                |                                                                                     |                                                                                     |                                                                                     |
| CLH150-14 | 17                     | 14.5                   | 21        | 80        | 30.6      | -                                                                                 | 150                                                                               | 95                                                                                |                                                                                     |                                                                                     |                                                                                     |
| CLH150-16 | 17                     | 16.5                   | 21        | 80        | 30.6      | -                                                                                 | 150                                                                               | 95                                                                                |                                                                                     |                                                                                     |                                                                                     |
| CLH185-12 | 19.4                   | 12.5                   | 24        | 85        | 35.2      | -                                                                                 | 185                                                                               | 120-150                                                                           |                                                                                     |                                                                                     |                                                                                     |
| CLH185-14 | 19.4                   | 14.5                   | 24        | 85        | 35.2      | -                                                                                 | 185                                                                               | 120-150                                                                           |                                                                                     |                                                                                     |                                                                                     |
| CLH185-16 | 19.4                   | 16.5                   | 24        | 85        | 38.2      | -                                                                                 | 185                                                                               | 120-150                                                                           |                                                                                     |                                                                                     |                                                                                     |
| CLH240-14 | 21.4                   | 14.5                   | 26        | 95        | 38        | -                                                                                 | 240                                                                               | 150-185                                                                           |                                                                                     |                                                                                     |                                                                                     |
| CLH240-16 | 21.4                   | 16.5                   | 26        | 95        | 38        | -                                                                                 | 240                                                                               | 150-185                                                                           |                                                                                     |                                                                                     |                                                                                     |



RELEVANT STANDARD  
EN 61238-1

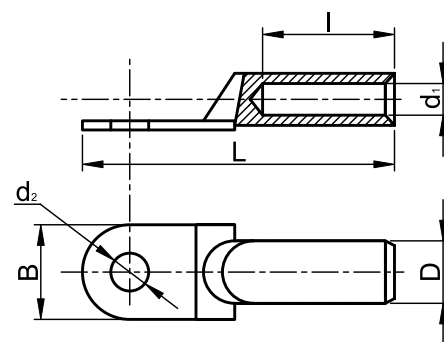


## Nieizolowane, długie, miedziane końcówki oczkowe

| TRACON   | d <sub>1</sub><br>(mm) | d <sub>2</sub><br>(mm) | D<br>(mm) | L<br>(mm) | I<br>(mm) | B<br>(mm) | mm <sup>2</sup>                                                                     |                                                                                     |                                                                                     |  |
|----------|------------------------|------------------------|-----------|-----------|-----------|-----------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|          |                        |                        |           |           |           |           |  |  |  |                                                                                     |
| SZ-CL10  | 6                      | 8.5                    | 10        | 68.5      | 31        | 16        | 16                                                                                  | 10                                                                                  | 6                                                                                   |  |
| SZ-CL16  | 6.5                    | 8.5                    | 10        | 65        | 32        | 16        | 25                                                                                  | 16                                                                                  | 10                                                                                  |                                                                                     |
| SZ-CL25  | 7.5                    | 8.5                    | 11        | 70        | 35        | 18        | 35                                                                                  | 25                                                                                  | 16                                                                                  |                                                                                     |
| SZ-CL35  | 8.7                    | 10.5                   | 12        | 80        | 38        | 20        | 50                                                                                  | 35                                                                                  | 25                                                                                  |                                                                                     |
| SZ-CL50  | 10                     | 10.5                   | 14        | 85        | 42        | 23        | 70                                                                                  | 50                                                                                  | 25                                                                                  |                                                                                     |
| SZ-CL70  | 12                     | 12.5                   | 16        | 95        | 47        | 26        | 95                                                                                  | 70                                                                                  | 50                                                                                  |                                                                                     |
| SZ-CL95  | 14                     | 12.5                   | 18        | 103       | 48        | 28        | 120                                                                                 | 95                                                                                  | 70                                                                                  |                                                                                     |
| SZ-CL120 | 15.5                   | 14.5                   | 20        | 111       | 52        | 30        | 150                                                                                 | 120                                                                                 | 70-95                                                                               |                                                                                     |
| SZ-CL150 | 17                     | 14.5                   | 22        | 121       | 56        | 34        | –                                                                                   | 150                                                                                 | 120                                                                                 |                                                                                     |
| SZ-CL185 | 19                     | 16.5                   | 25        | 125       | 59        | 38        | –                                                                                   | 185                                                                                 | 120-150                                                                             |                                                                                     |
| SZ-CL240 | 21.5                   | 16.5                   | 27        | 135       | 60        | 40        | –                                                                                   | 240                                                                                 | 150-185                                                                             |                                                                                     |



RELEVANT STANDARD  
EN 61238-1

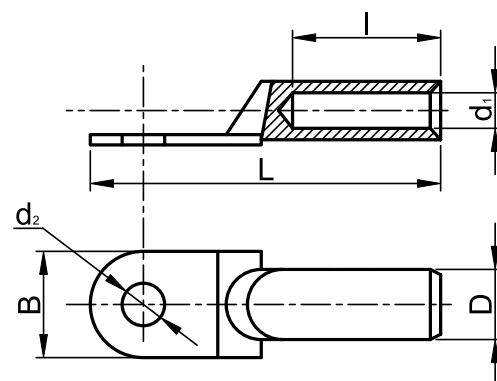


## Nieizolowane, długie, miedziane końcówki rurkowe, cynowane

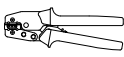
| TRACON     | d <sub>1</sub><br>(mm) | d <sub>2</sub><br>(mm) | D<br>(mm) | L<br>(mm) | I<br>(mm) | B<br>(mm) | mm <sup>2</sup>                                                                       |                                                                                       |                                                                                       |  |
|------------|------------------------|------------------------|-----------|-----------|-----------|-----------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|            |                        |                        |           |           |           |           |  |  |  |                                                                                       |
| SZ-CLSN10  | 5.8                    | 8.5                    | 9         | 63        | 30        | 16        | 16                                                                                    | 10                                                                                    | 6                                                                                     |  |
| SZ-CLSN16  | 6,5                    | 8.5                    | 10        | 65        | 32        | 16        | 25                                                                                    | 16                                                                                    | 10                                                                                    |                                                                                       |
| SZ-CLSN25  | 7,5                    | 8.5                    | 11        | 70        | 35        | 18        | 35                                                                                    | 25                                                                                    | 16                                                                                    |                                                                                       |
| SZ-CLSN35  | 8,7                    | 10.5                   | 12        | 80        | 38        | 20        | 50                                                                                    | 35                                                                                    | 25                                                                                    |                                                                                       |
| SZ-CLSN50  | 10                     | 10.5                   | 14        | 85        | 42        | 23        | 70                                                                                    | 50                                                                                    | 35                                                                                    |                                                                                       |
| SZ-CLSN70  | 12                     | 12.5                   | 16        | 95        | 47        | 26        | 95                                                                                    | 70                                                                                    | 50                                                                                    |                                                                                       |
| SZ-CLSN95  | 14                     | 12,5                   | 18        | 103       | 48        | 28        | 120                                                                                   | 95                                                                                    | 70                                                                                    |                                                                                       |
| SZ-CLSN120 | 15,5                   | 14,5                   | 20        | 111       | 52        | 30        | 150                                                                                   | 120                                                                                   | 70-95                                                                                 |                                                                                       |
| SZ-CLSN150 | 17                     | 14,5                   | 22        | 121       | 56        | 34        | -                                                                                     | 150                                                                                   | 120                                                                                   |                                                                                       |
| SZ-CLSN185 | 19                     | 16,5                   | 25        | 125       | 59        | 38        | -                                                                                     | 185                                                                                   | 120-150                                                                               |                                                                                       |
| SZ-CLSN240 | 21,5                   | 16,5                   | 27        | 135       | 60        | 40        | -                                                                                     | 240                                                                                   | 150-185                                                                               |                                                                                       |

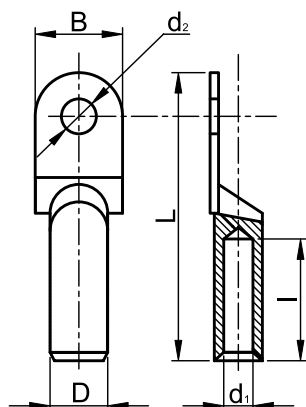


RELEVANT STANDARD  
EN 61238-1



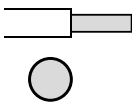
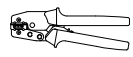
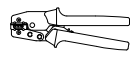
**Nieizolowane, długie końcówki oczkowe z aluminium**

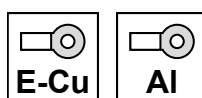
| TRACON   | d <sub>1</sub><br>(mm) | d <sub>2</sub><br>(mm) | D<br>(mm) | L<br>(mm) | I<br>(mm) | B<br>(mm) | mm <sup>2</sup>                                                                     |                                                                                     |  |
|----------|------------------------|------------------------|-----------|-----------|-----------|-----------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|          |                        |                        |           |           |           |           |  |  |                                                                                     |
| AS16-6   | 5.5                    | 6.4                    | 8.5       | 65        | 32        | 13        | 25                                                                                  | 16                                                                                  | D51                                                                                 |
| AS16-8   | 5.5                    | 8.4                    | 8.5       | 69        | 32        | 13        | 25                                                                                  | 16                                                                                  |                                                                                     |
| AS25-6   | 7                      | 6.4                    | 12        | 75        | 36        | 18        | 35                                                                                  | 25                                                                                  |                                                                                     |
| AS25-8   | 7                      | 8.4                    | 10        | 72        | 32        | 18        | 35                                                                                  | 25                                                                                  |                                                                                     |
| AS25-10  | 7                      | 10.5                   | 10        | 74        | 32        | 18        | 35                                                                                  | 25                                                                                  |                                                                                     |
| AS35-6   | 8.5                    | 6.4                    | 12.5      | 59        | 32        | 15        | 50                                                                                  | 35                                                                                  |                                                                                     |
| AS35-8   | 8.5                    | 8.4                    | 14        | 85        | 42        | 20        | 50                                                                                  | 35                                                                                  |                                                                                     |
| AS35-10  | 8.5                    | 10.5                   | 12.5      | 80        | 32        | 19        | 50                                                                                  | 35                                                                                  |                                                                                     |
| AS35-12  | 8.5                    | 13                     | 12.5      | 81        | 32        | 21        | 50                                                                                  | 35                                                                                  |                                                                                     |
| AS50-8   | 10                     | 8.4                    | 14.5      | 91        | 45        | 20        | 70                                                                                  | 50                                                                                  | DK60E                                                                               |
| AS50-10  | 10                     | 10.5                   | 14.5      | 94        | 45        | 22        | 70                                                                                  | 50                                                                                  |                                                                                     |
| AS50-12  | 10                     | 13                     | 14.5      | 95        | 45        | 24        | 70                                                                                  | 50                                                                                  |                                                                                     |
| AS70-8   | 11.5                   | 8.4                    | 16.5      | 95        | 45        | 24        | 95                                                                                  | 70                                                                                  |                                                                                     |
| AS70-10  | 11.5                   | 10.5                   | 16.5      | 98        | 45        | 24        | 95                                                                                  | 70                                                                                  |                                                                                     |
| AS70-12  | 11.5                   | 13                     | 16.5      | 100       | 45        | 24        | 95                                                                                  | 70                                                                                  |                                                                                     |
| AS95-10  | 13.5                   | 10.5                   | 19        | 112       | 56        | 28        | 120                                                                                 | 95/120                                                                              |                                                                                     |
| AS95-12  | 13.5                   | 13                     | 19        | 113       | 56        | 28        | 120                                                                                 | 95/120                                                                              |                                                                                     |
| AS120-10 | 15.5                   | 10.5                   | 21        | 119       | 56        | 32        | 150                                                                                 | 120/150                                                                             |                                                                                     |
| AS120-12 | 15.5                   | 13                     | 21        | 121       | 56        | 32        | 150                                                                                 | 120/150                                                                             | C130L                                                                               |
| AS120-14 | 15.5                   | 15                     | 21        | 98        | 56        | 32        | 150                                                                                 | 120/150                                                                             |                                                                                     |
| AS120-16 | 15.5                   | 17                     | 21        | 125       | 56        | 32        | 150                                                                                 | 120/150                                                                             |                                                                                     |
| AS150-10 | 17                     | 10.5                   | 23.5      | 130       | 56        | 34        | 185                                                                                 | 150                                                                                 |                                                                                     |
| AS150-12 | 17                     | 13                     | 23.5      | 132       | 56        | 34        | 185                                                                                 | 150                                                                                 |                                                                                     |
| AS150-14 | 17                     | 15                     | 23.5      | 109       | 56        | 34        | 185                                                                                 | 150                                                                                 |                                                                                     |
| AS150-16 | 17                     | 17                     | 23.5      | 136       | 56        | 34        | 185                                                                                 | 150                                                                                 |                                                                                     |
| AS185-10 | 19                     | 10.5                   | 25.5      | 136       | 64        | 37        | 240                                                                                 | 185                                                                                 |                                                                                     |
| AS185-12 | 19                     | 13                     | 25.5      | 137       | 64        | 37        | 240                                                                                 | 185                                                                                 |                                                                                     |
| AS185-14 | 19                     | 15                     | 25.5      | 115       | 64        | 37        | 240                                                                                 | 185                                                                                 | HD156; HD156R                                                                       |
| AS185-16 | 19                     | 17                     | 25.5      | 142       | 64        | 37        | 240                                                                                 | 185                                                                                 |                                                                                     |
| AS240-12 | 21.5                   | 13                     | 29        | 151       | 64        | 42        | 300                                                                                 | 240                                                                                 |                                                                                     |
| AS240-14 | 21.5                   | 15                     | 29        | 130       | 64        | 42        | 300                                                                                 | 240                                                                                 |                                                                                     |
| AS240-16 | 21.5                   | 17                     | 29        | 156       | 64        | 42        | 300                                                                                 | 240                                                                                 |                                                                                     |



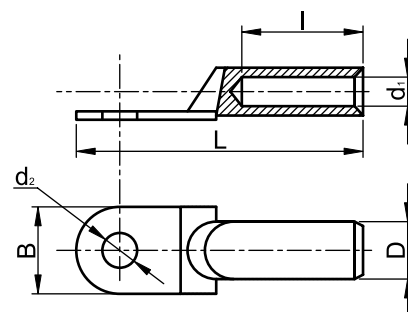


## Nieizolowane, długie końcówki oczkowe Al/E-Cu

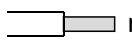
| TRACON   | d <sub>1</sub><br>(mm) | d <sub>2</sub><br>(mm) | D<br>(mm) | L<br>(mm) | I<br>(mm) | B<br>(mm) |  mm <sup>2</sup> |  |  |
|----------|------------------------|------------------------|-----------|-----------|-----------|-----------|-----------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| RA16-6   | 5.8                    | 6.5                    | 10.3      | 69        | 32        | 16        | 16-25                                                                                               | 16                                                                                  |  |
| RA16-8   | 5.8                    | 8.5                    | 10.3      | 69        | 32        | 16        | 16-25                                                                                               | 16                                                                                  |                                                                                     |
| RA25-8   | 7.5                    | 8.5                    | 12        | 76        | 32        | 18        | 35                                                                                                  | 25                                                                                  |                                                                                     |
| RA35-8   | 8.5                    | 8.8                    | 14.3      | 85        | 37.5      | 20        | 50                                                                                                  | 35-50                                                                               |                                                                                     |
| RA50-10  | 9.5                    | 10.5                   | 16        | 91        | 41        | 23        | 70                                                                                                  | 50                                                                                  |                                                                                     |
| RA70-12  | 11.5                   | 12.5                   | 18        | 101       | 43.5      | 26        | 95                                                                                                  | 70                                                                                  |                                                                                     |
| RA95-12  | 13.5                   | 12.5                   | 20        | 107       | 46.5      | 28        | 120                                                                                                 | 95-120                                                                              |                                                                                     |
| RA120-14 | 15.5                   | 14.5                   | 23        | 118       | 53        | 30        | 150                                                                                                 | 120-150                                                                             |                                                                                     |
| RA150-14 | 16.5                   | 14.5                   | 24        | 125       | 55        | 34        | 185                                                                                                 | 150                                                                                 |                                                                                     |
| RA185-16 | 18.5                   | 17                     | 27        | 133       | 60        | 37        | 240                                                                                                 | 185                                                                                 |                                                                                     |
| RA240-16 | 21                     | 16.5                   | 30        | 139       | 60        | 40        | 300                                                                                                 | 240                                                                                 |                                                                                     |

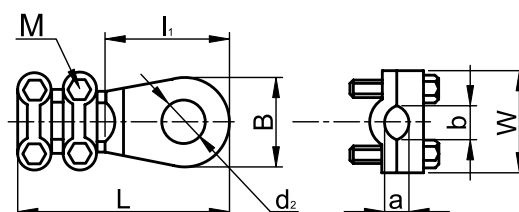


RELEVANT STANDARD  
EN 61238-1

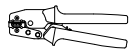


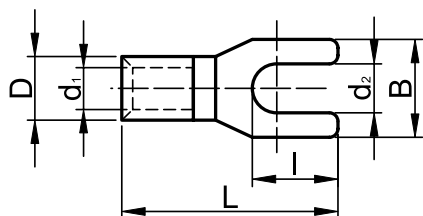
## Nieizolowane końcówki oczkowe ze śrubami

| TRACON       | a<br>(mm) | b<br>(mm) | d <sub>2</sub><br>(mm) | L<br>(mm) | I <sub>1</sub><br>(mm) | B<br>(mm) | W<br>(mm) | X  |  mm <sup>2</sup> |
|--------------|-----------|-----------|------------------------|-----------|------------------------|-----------|-----------|-----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| WCJB-16-25-2 | 4         | 6         | 8.5                    | 45.3      | 22                     | 18        | 22.5      | 4 × M5 × 20                                                                             | 16-25                                                                                                 |
| WCJB-25-35   | 4         | 7         | 10.5                   | 52.5      | 25                     | 21.5      | 24.5      | 4 × M5 × 22                                                                             | 25-35                                                                                                 |
| WCJB-50-70   | 5         | 10        | 10.5                   | 61        | 26                     | 23        | 31        | 4 × M6 × 24                                                                             | 50-70                                                                                                 |
| WCJB-70-95   | 5.5       | 11.5      | 10.5                   | 69        | 32                     | 23.5      | 35        | 4 × M6 × 30                                                                             | 70-95                                                                                                 |
| WCJB-95-120  | 5.5       | 13        | 13.5                   | 74        | 28.5                   | 28.5      | 42        | 4 × M8 × 35                                                                             | 95-120                                                                                                |
| WCJB-120-150 | 5.5       | 13        | 13.5                   | 74        | 30                     | 27        | 41        | 4 × M8 × 35                                                                             | 120-150                                                                                               |
| WCJB-150-185 | 6.5       | 13        | 13.5                   | 76.5      | 31                     | 28        | 42.5      | 4 × M8 × 35                                                                             | 150-180                                                                                               |
| WCJB-185-240 | 6.5       | 14        | 13.5                   | 80.3      | 32.5                   | 30        | 44        | 4 × M8 × 35                                                                             | 185-240                                                                                               |
| WCJC-16      | 3         | 4.5       | 8                      | 37        | 22.5                   | 16        | 21.5      | 2 × M5 × 20                                                                             | 16                                                                                                    |
| WCJC-25-35   | 5         | 8.5       | 11                     | 47.5      | 27.5                   | 22        | 22        | 2 × M5 × 23                                                                             | 25-35                                                                                                 |
| WCJC-50-70   | 6         | 9.5       | 11                     | 60.5      | 31                     | 23        | 30        | 4 × M6 × 24                                                                             | 50-70                                                                                                 |
| WCJC-70-95   | 7         | 12        | 13                     | 66.5      | 35                     | 27        | 33        | 4 × M6 × 29                                                                             | 70-95                                                                                                 |
| WCJC-120-150 | 7         | 12.5      | 15                     | 72.5      | 42                     | 32        | 32        | 4 × M6 × 29                                                                             | 120-150                                                                                               |
| WCJC-185-240 | 14        | 19        | 18                     | 90        | 46                     | 39        | 45        | 4 × M8 × 40                                                                             | 185-240                                                                                               |
| WCJC-300     | 14.5      | 23        | 21                     | 106       | 54                     | 45.5      | 55.5      | 4 × M10 × 48                                                                            | 300                                                                                                   |

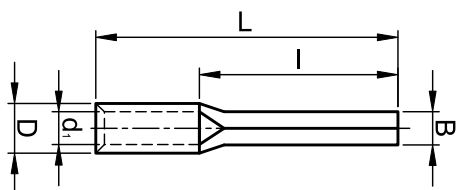


**Nieizolowane końcówki widelkowe**

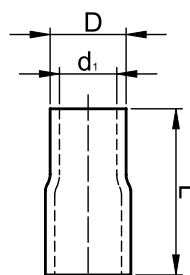
| TRACON | d <sub>1</sub><br>(mm) | d <sub>2</sub><br>(mm) | D<br>(mm) | L<br>(mm) | I<br>(mm) | B<br>(mm) |  |  |  |  |
|--------|------------------------|------------------------|-----------|-----------|-----------|-----------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| V1.5-3 | 1.7                    | 3.7                    | 3.4       | 15.5      | 6.5       | 5.7       | 1.5                                                                                 | 1-1.5                                                                               | 0.5-1                                                                               | <div>HD156; HD156R</div> <div>KH14</div> <div>KH16</div> <div>KH8</div>             |
| V1.5-4 | 1.7                    | 4.3                    | 3.4       | 15.5      | 6.7       | 7.2       |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| V1.5-5 | 1.7                    | 5.3                    | 3.4       | 15.5      | 7.8       | 6.4       |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| V1.5-6 | 1.7                    | 6.4                    | 3.4       | 15.5      | 8.9       | 8.1       |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| V2.5-3 | 2.3                    | 3.7                    | 4.1       | 16        | 6.9       | 6         | 2.5-4                                                                               | 2.5                                                                                 | 1.5                                                                                 |                                                                                     |
| V2.5-4 | 2.3                    | 4.3                    | 4.1       | 16        | 7.3       | 7.2       |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| V2.5-5 | 2.3                    | 5.3                    | 4.1       | 16        | 7.7       | 8.1       |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| V2.5-6 | 2.3                    | 6.4                    | 4.1       | 16        | 8.8       | 9.5       |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| V4-3   | 3.4                    | 3.7                    | 5.6       | 19.5      | 6.7       | 8.3       | 4                                                                                   | 4-6                                                                                 | 6                                                                                   |                                                                                     |
| V4-4   | 3.4                    | 4.3                    | 5.6       | 19.5      | 7         | 8.3       |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| V4-5   | 3.4                    | 5.3                    | 5.6       | 19.5      | 7.5       | 9         |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| V4-6   | 3.4                    | 6.4                    | 5.6       | 19.5      | 10.3      | 12        |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| V10-4  | 4.5                    | 4.3                    | 7.2       | 23        | 8.3       | 8.7       | 10-16                                                                               | 10                                                                                  | 6                                                                                   |                                                                                     |
| V10-5  | 4.5                    | 5.3                    | 7.2       | 24.5      | 8.7       | 12        |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| V10-6  | 4.5                    | 6.4                    | 7.2       | 24.5      | 9.4       | 12        |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| V16-5  | 5.8                    | 5.3                    | 9         | 28        | 9.7       | 12        | 25                                                                                  | 16                                                                                  | 10                                                                                  |                                                                                     |
| V16-6  | 5.8                    | 6.4                    | 9         | 28        | 9.8       | 12        |                                                                                     |                                                                                     |                                                                                     |                                                                                     |


**Nieizolowane końcówki igielkowe**

| TRACON | d <sub>1</sub><br>(mm) | D<br>(mm) | L<br>(mm) | I<br>(mm) | B<br>(mm) | mm <sup>2</sup> |     |       |                                   |
|--------|------------------------|-----------|-----------|-----------|-----------|-----------------|-----|-------|-----------------------------------|
|        |                        |           |           |           |           |                 |     |       |                                   |
| CS1.5  | 1.7                    | 3.2       | 16.7      | 11.5      | 1.7       | 1.5-2.5         | 1.5 | 1-1.5 | HD156; HD156R;<br>KH8; KH14; KH16 |
| CS2.5  | 2.3                    | 3.8       | 16.7      | 11.5      | 2         | 2.5-4           | 2.5 | 1.5   |                                   |
| CS4    | 3.4                    | 5.5       | 20        | 12.5      | 2.6       | 6               | 4-6 | 4     |                                   |


**Izolacja na końcówki kablowe**

| TRACON   | d <sub>1</sub><br>(mm) | D<br>(mm) | L<br>(mm) | mm <sup>2</sup> |
|----------|------------------------|-----------|-----------|-----------------|
| FSZIG10  | 6                      | 9.4       | 21.5      | 10              |
| FSZIG16  | 8.1                    | 11.4      | 28.3      | 16              |
| FSZIG25  | 9.8                    | 13.1      | 30.1      | 25              |
| FSZIG35  | 11                     | 14.4      | 34.7      | 35              |
| FSZIG50  | 13.8                   | 17.2      | 43.7      | 50              |
| FSZIG95  | 15.8                   | 19.3      | 47.5      | 95              |
| FSZIG120 | 17.6                   | 21.2      | 56.6      | 120             |

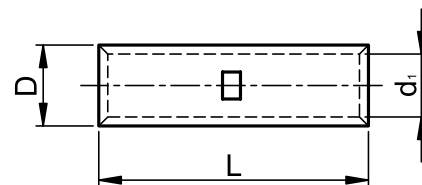


## Nieizolowane łączniki rurkowe

| TRACON | $d_1$<br>(mm) | D<br>(mm) | L<br>(mm) | mm <sup>2</sup> |         |         |  |  |
|--------|---------------|-----------|-----------|-----------------|---------|---------|--|--|
|        |               |           |           |                 |         |         |  |  |
| TH1.5  | 1.9           | 3.5       | 12        | 1.5-2.5         | 1.5-2.5 | 1-1.5   |  |  |
| TH2.5  | 2.4           | 3.9       | 13        | 4               | 4       | 1.5     |  |  |
| TH4    | 2.8           | 4.5       | 15        | 4-6             | 4-6     | 2.5     |  |  |
| TH6    | 3.8           | 5.5       | 15        | 6-10            | 6-10    | 4       |  |  |
| TH10   | 4.5           | 6.1       | 20        | 10-16           | 10-16   | 6       |  |  |
| TH16   | 5.4           | 7.1       | 20        | 16-25           | 16-25   | 10      |  |  |
| TH25   | 6.8           | 8.7       | 28        | 25-35           | 25-35   | 16      |  |  |
| TH35   | 8.2           | 10.5      | 32        | 50              | 50      | 25      |  |  |
| TH50   | 9.5           | 12.4      | 35        | 70              | 70      | 35      |  |  |
| TH70   | 11.2          | 14.7      | 38        | 95              | 95      | 50      |  |  |
| TH95   | 13.5          | 17.4      | 42        | 120             | 120     | 70      |  |  |
| TH120  | 15            | 19.4      | 45        | 150             | 150     | 70/95   |  |  |
| TH150  | 16.5          | 21.2      | 53        | –               | –       | 95      |  |  |
| TH185  | 18.5          | 23.5      | 62        | –               | –       | 120     |  |  |
| TH240  | 21            | 26.5      | 72        | –               | –       | 150-185 |  |  |



RELEVANT STANDARD  
EN 61238-1

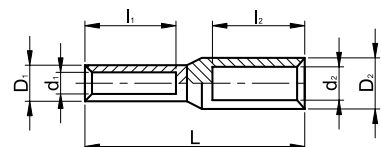


## Nieizolowane łączniki rurkowe Al/E-Cu

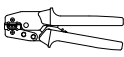
| TRACON    | $d_1/d_2$<br>(mm) | $D_1/D_2$<br>(mm) | L<br>(mm) | $I_1/I_2$<br>(mm) | mm <sup>2</sup> |     |         |     |         |  |  |
|-----------|-------------------|-------------------|-----------|-------------------|-----------------|-----|---------|-----|---------|--|--|
|           |                   |                   |           |                   |                 |     |         |     |         |  |  |
| RT16/25   | 6/6.7             | 10/12.1           | 75        | 26.5/32           | 16              | 10  | 6       | 25  | 16      |  |  |
| RT16/70   | 5.5/11            | 12/17.5           | 90.5      | 29.5/45           | 16              | 10  | 6       | 70  | 50      |  |  |
| RT25/35   | 7.3/8             | 11.6/13.1         | 83.5      | 30/40             | 25              | 16  | 10      | 35  | 25      |  |  |
| RT35/50   | 8.5/10            | 13.3/15.3         | 95.6      | 32/42             | 35              | 25  | 16      | 50  | 35-50   |  |  |
| RT35/70   | 8.5/11            | 12/17.5           | 90        | 30/45             | 35              | 25  | 16      | 70  | 50      |  |  |
| RT50/70   | 9.5/11.5          | 14.6/18           | 104.5     | 38/50             | 50              | 35  | 25      | 70  | 50      |  |  |
| RT70/95   | 11.5/13.5         | 17/21.5           | 111       | 40/50             | 70              | 50  | 35      | 95  | 70      |  |  |
| RT95/120  | 12.6/15           | 19/23.2           | 110       | 42/55             | 95              | 70  | 50      | 120 | 95-120  |  |  |
| RT95/150  | 13.5/16.5         | 19/24.8           | 116       | 42/55             | 95              | 70  | 50      | 150 | 120-150 |  |  |
| RT120/150 | 15/17             | 19/24             | 118       | 44/55             | 120             | 95  | 70      | 150 | 120-150 |  |  |
| RT150/185 | 16.6/18           | 22.5/25.2         | 125       | 46/60             | –               | 120 | 95      | 185 | 150-185 |  |  |
| RT185/240 | 18.5/21           | 26/30             | 130       | 54/60             | –               | 150 | 120     | 240 | 185     |  |  |
| RT185/300 | 18.5/23           | 26/34             | 136       | 54/65             | –               | 150 | 120     | 300 | 240     |  |  |
| RT240/300 | 21/23             | 28/34             | 145       | 56/65             | –               | 185 | 120-150 | 300 | 240     |  |  |



RELEVANT STANDARD  
EN 61238-1

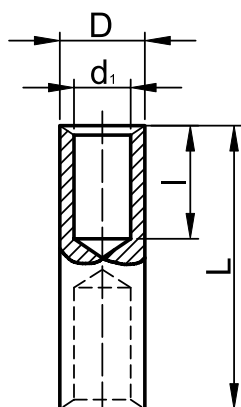


**Nieizolowane łączniki rurkowe Al**

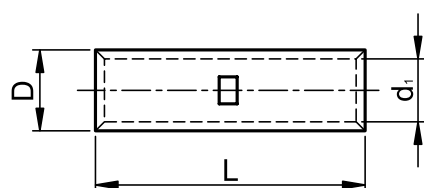
| TRACON | d <sub>1</sub><br>(mm) | D<br>(mm) | L<br>(mm) | I<br>(mm) | mm <sup>2</sup>                                                                    |                                                                                     |                                                                                                                                                                                                                |
|--------|------------------------|-----------|-----------|-----------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|        |                        |           |           |           |  |  |                                                                                                                                                                                                                |
| AT16   | 5.8                    | 10        | 70        | 34.5      | 25                                                                                 | 16                                                                                  |  <div>                     HX50B<br/>HX120B<br/>HX150B<br/>D31<br/>D51<br/>DK60E<br/>C130L<br/>KH120                 </div> |
| AT25   | 7.4                    | 12.1      | 75        | 36.7      | 35                                                                                 | 25                                                                                  |                                                                                                                                                                                                                |
| AT35   | 9.1                    | 14.1      | 84.5      | 41.5      | 50                                                                                 | 35                                                                                  |                                                                                                                                                                                                                |
| AT50   | 9.5                    | 16.1      | 94.5      | 46.4      | 70                                                                                 | 50                                                                                  |                                                                                                                                                                                                                |
| AT70   | 12.2                   | 18        | 105       | 51        | 95                                                                                 | 70                                                                                  |                                                                                                                                                                                                                |
| AT95   | 13.2                   | 21        | 110       | 53        | 120                                                                                | 95-120                                                                              |                                                                                                                                                                                                                |
| AT120  | 15.2                   | 23.2      | 115       | 55.5      | 150                                                                                | 120-150                                                                             |                                                                                                                                                                                                                |
| AT150  | 16.4                   | 25.5      | 120       | 58        | 185                                                                                | 150                                                                                 |                                                                                                                                                                                                                |
| AT185  | 19                     | 27.6      | 122       | 58        | 240                                                                                | 185                                                                                 |                                                                                                                                                                                                                |
| AT240  | 20                     | 30.2      | 130       | 63        | 300                                                                                | 240                                                                                 |                                                                                                                                                                                                                |



RELEVANT STANDARD  
EN 61238-1


**Nieizolowane łączniki ze śrubą cynowaną**

| TRACON  | D<br>(mm) | d <sub>1</sub><br>(mm) | L<br>(mm) | X<br> | mm <sup>2</sup>                                                                       |                                                                                       |                                                                                       |
|---------|-----------|------------------------|-----------|------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|         |           |                        |           |                                                                                          |  |  |  |
| THCS6   | 5,9       | 3,9                    | 20        | 2 × M4                                                                                   | 4-6                                                                                   | 4                                                                                     | 2,5                                                                                   |
| THCS10  | 7,9       | 4,5                    | 30        | 2 × M4                                                                                   | 6-10                                                                                  | 6-10                                                                                  | 4-6                                                                                   |
| THCS16  | 9,9       | 6,3                    | 40        | 4 × M5                                                                                   | 16-25                                                                                 | 10-16                                                                                 | 6-10                                                                                  |
| THCS25  | 11,5      | 7                      | 45        | 4 × M5                                                                                   | 25-35                                                                                 | 25                                                                                    | 16                                                                                    |
| THCS35  | 12,9      | 8,4                    | 45        | 4 × M5                                                                                   | 50                                                                                    | 35                                                                                    | 25                                                                                    |
| THCS50  | 15        | 10,2                   | 48        | 4 × M6                                                                                   | 70                                                                                    | 50                                                                                    | 35                                                                                    |
| THCS70  | 18        | 12.00                  | 51        | 4 x M8                                                                                   | 70                                                                                    | —                                                                                     | 50                                                                                    |
| THCS95  | 20        | 13.70                  | 55        | 4 x M8                                                                                   | 95                                                                                    | —                                                                                     | 70                                                                                    |
| THCS120 | 22        | 15.00                  | 54        | 4 x M8                                                                                   | 120                                                                                   | —                                                                                     | 95                                                                                    |
| THCS150 | 24.50     | 16.90                  | 59.3      | 4 x M8                                                                                   | 150                                                                                   | —                                                                                     | 120                                                                                   |
| THCS185 | 27        | 19.00                  | 59        | 4 x M8                                                                                   | 185                                                                                   | —                                                                                     | 150                                                                                   |
| THCS240 | 30        | 22.00                  | 64.7      | 4 x M8                                                                                   | 240                                                                                   | —                                                                                     | 185                                                                                   |
| THCS300 | 30        | 23.50                  | 64.5      | 4 x M8                                                                                   | 300                                                                                   | —                                                                                     | 240                                                                                   |



## Łączniki rurkowe Al ze zrywalnymi śrubami

| TRACON      |           | $d_1$<br>(mm) | D<br>(mm) | L<br>(mm) | X  |
|-------------|-----------|---------------|-----------|-----------|---------------------------------------------------------------------------------------|
| AT10-35CS   | 10 – 35   | 8.5           | 19        | 45        | (1+1) × M10                                                                           |
| AT35-150CS  | 35 – 150  | 15.8          | 28        | 80        | (1+1) × M17                                                                           |
| AT120-300CS | 120 – 300 | 24            | 37        | 140       | (2+2) × M22                                                                           |



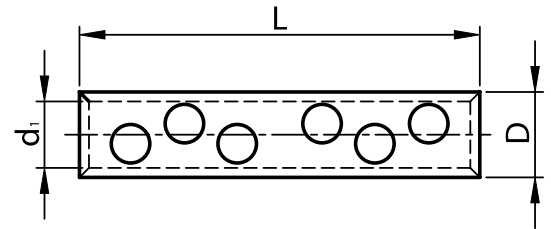
AT10-35CS



AT35-150CS



AT120-300CS

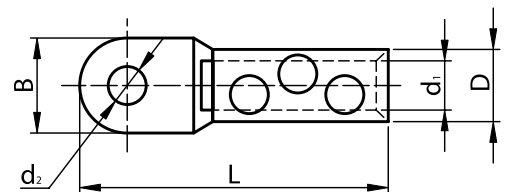


## Kończówki rurkowe Al ze zrywalnymi śrubami

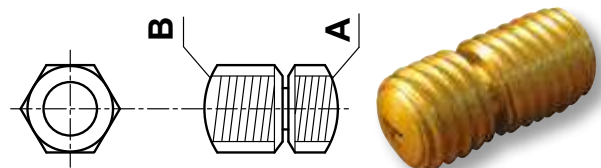
| TRACON      |         | $d_1$<br>(mm) | $d_2$<br>(mm) | D<br>(mm) | L<br>(mm) | B<br>(mm) | X  |
|-------------|---------|---------------|---------------|-----------|-----------|-----------|-----------------------------------------------------------------------------------------|
| AS25-95CS   | 25 - 95 | 12.8          | 13            | 24        | 73        | 24        | 1 × M13                                                                                 |
| AS25-95CS16 | 16 - 70 | 12.3          | 16.2          | 23.3      | 74.7      | 23.2      | 1 × M12                                                                                 |



AS25-95CS

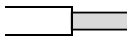


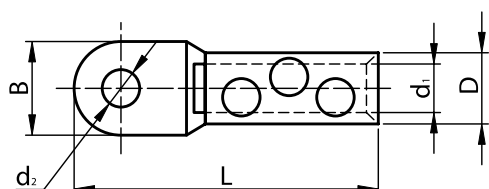
RELEVANT STANDARD  
MSZ-05-45.1601-1



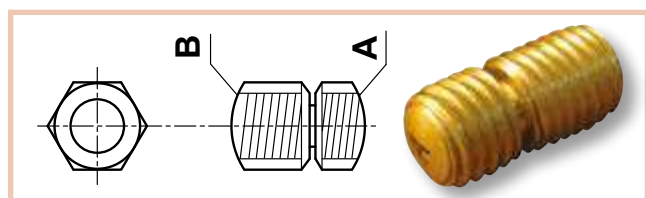


**Końcówki rurkowe Al/E-Cu ze zrywalnymi śrubami**

| TRACON               |  mm <sup>2</sup> | d <sub>1</sub><br>(mm) | d <sub>2</sub><br>(mm) | D<br>(mm) | L<br>(mm) | B<br>(mm) | X  |
|----------------------|---------------------------------------------------------------------------------------------------|------------------------|------------------------|-----------|-----------|-----------|---------------------------------------------------------------------------------------|
| <b>RA16-70CS12</b>   | <b>B:</b> 16 - 35                                                                                 | 11                     | 13                     | 23        | 104       | 25        | 2 × M12                                                                               |
|                      | <b>A:</b> 50 - 70                                                                                 |                        |                        |           |           |           | 2 × M12                                                                               |
| <b>RA95-150CS12</b>  | <b>B:</b> 95 - 120                                                                                | 16                     | 13                     | 30        | 110       | 30        | 2 × M12                                                                               |
|                      | <b>A:</b> 150                                                                                     |                        |                        |           |           |           | 2 × M12                                                                               |
| <b>RA185-240CS16</b> | <b>B:</b> 185                                                                                     | 20                     | 17                     | 35        | 115       | 38        | 3 × M16                                                                               |
|                      | <b>A:</b> 240                                                                                     |                        |                        |           |           |           | 3 × M16                                                                               |


**RA95-150CS12**

**RA16-70CS12**

**RA185-240CS16**

**Pasta ochronna na styki**

TRACON

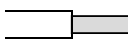

**VKP**

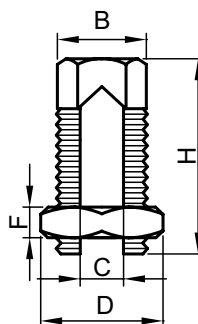
150 g



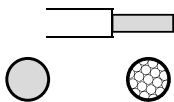
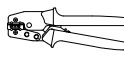
Pasta ma na celu poprawę przewodności połączeń oraz przeciwdziałanie oksydacji i korozji powierzchni styków. Pastę można zastosować w połączeniach Al-Al, Al-Cu i Cu-Cu, przed zaciskaniem, zakręcaniem lub nitowaniem.

**Łączniki śrubowe do wykonywania odgałęzień kablowych**

| TRACON         |  mm <sup>2</sup> | H<br>(mm) | C<br>(mm) | B<br>(mm <sup>2</sup> ) | D<br>(mm) | F<br>(mm) |  M |
|----------------|-----------------------------------------------------------------------------------------------------|-----------|-----------|-------------------------|-----------|-----------|-----------------------------------------------------------------------------------------|
| <b>YCSK-6</b>  | 1.5-6                                                                                               | 24        | 3.2       | 10                      | 12.7      | 6.5       | M12                                                                                     |
| <b>YCSK-10</b> | 2.5-10                                                                                              | 27.3      | 5.5       | 12.7                    | 19        | 5.6       | M12                                                                                     |
| <b>YCSK-16</b> | 4-16                                                                                                | 27        | 7         | 16                      | 18        | 6         | M14×1.5                                                                                 |
| <b>YCSK-25</b> | 6-25                                                                                                | 35        | 9         | 21                      | 21        | 6         | M18×1.5                                                                                 |

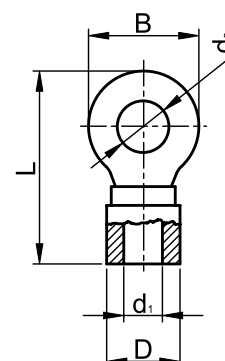


## Izolowane końcówki oczkowe

| TRACON     | d <sub>1</sub><br>(mm) | d <sub>2</sub><br>(mm) | D<br>(mm) | L<br>(mm) | B<br>(mm) |  mm <sup>2</sup> |  |  |  |  |
|------------|------------------------|------------------------|-----------|-----------|-----------|-----------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| ■ PSZ3     | 1.7                    | 3.7                    | 5.4       | 18        | 5.6       | 1.5                                                                                                 | 1-1.5                                                                               | 0.75-1                                                                              |                                                                                     |                                                                                     |
| ■ PSZ4     | 1.7                    | 4.3                    | 5.4       | 22.3      | 8         | 1.5                                                                                                 | 1-1.5                                                                               | 0.75-1                                                                              |                                                                                     |                                                                                     |
| ■ PSZ5     | 1.7                    | 5.3                    | 5.4       | 22.3      | 8         | 1.5                                                                                                 | 1-1.5                                                                               | 0.75-1                                                                              |                                                                                     |                                                                                     |
| ■ PSZ6     | 1.7                    | 6.4                    | 5.4       | 27.7      | 11.5      | 1.5                                                                                                 | 1-1.5                                                                               | 0.75-1                                                                              |                                                                                     |                                                                                     |
| ■ PSZ8     | 1.7                    | 8.4                    | 5.4       | 27.7      | 11.5      | 1.5                                                                                                 | 1-1.5                                                                               | 0.75-1                                                                              |                                                                                     |                                                                                     |
| ■ PSZ10    | 1.7                    | 10.5                   | 5.4       | 31.8      | 13.6      | 1.5                                                                                                 | 1-1.5                                                                               | 0.75-1                                                                              |                                                                                     |                                                                                     |
| ■ KSZ3     | 2.3                    | 3.7                    | 6.1       | 22.8      | 8.4       | 2.5-4                                                                                               | 1.5-2.5                                                                             | 1.5-2.5                                                                             |                                                                                     |                                                                                     |
| ■ KSZ4     | 2.3                    | 4.3                    | 6.1       | 22.8      | 8.4       | 2.5-4                                                                                               | 1.5-2.5                                                                             | 1.5-2.5                                                                             |                                                                                     |                                                                                     |
| ■ KSZ5     | 2.3                    | 5.3                    | 6.1       | 23.4      | 9.4       | 2.5-4                                                                                               | 1.5-2.5                                                                             | 1.5-2.5                                                                             |                                                                                     |                                                                                     |
| ■ KSZ6     | 2.3                    | 6.4                    | 6.1       | 28.7      | 11.7      | 2.5-4                                                                                               | 1.5-2.5                                                                             | 1.5-2.5                                                                             |                                                                                     |                                                                                     |
| ■ KSZ8     | 2.3                    | 8.4                    | 6.1       | 28.7      | 11.7      | 2.5-4                                                                                               | 1.5-2.5                                                                             | 1.5-2.5                                                                             |                                                                                     |                                                                                     |
| ■ KSZ10    | 2.3                    | 10.5                   | 6.1       | 32        | 13.6      | 2.5-4                                                                                               | 1.5-2.5                                                                             | 1.5-2.5                                                                             |                                                                                     |                                                                                     |
| ■ KSZ12    | 2.3                    | 13                     | 6.1       | 35        | 18.9      | 2.5-4                                                                                               | 1.5-2.5                                                                             | 1.5-2.5                                                                             |                                                                                     |                                                                                     |
| ■ SSZ3     | 3.4                    | 3.7                    | 8         | 22.1      | 7.3       | 6                                                                                                   | 4-6                                                                                 | 4                                                                                   |                                                                                     |                                                                                     |
| ■ SSZ4     | 3.4                    | 4.4                    | 8         | 28.2      | 9.4       | 6                                                                                                   | 4-6                                                                                 | 4                                                                                   |                                                                                     |                                                                                     |
| ■ SSZ5     | 3.4                    | 5.3                    | 8         | 27.5      | 9.4       | 6                                                                                                   | 4-6                                                                                 | 4                                                                                   |                                                                                     |                                                                                     |
| ■ SSZ6     | 3.4                    | 6.4                    | 8         | 31.5      | 11.9      | 6                                                                                                   | 4-6                                                                                 | 4                                                                                   |                                                                                     |                                                                                     |
| ■ SSZ8     | 3.4                    | 8.4                    | 8         | 36.4      | 14.9      | 6                                                                                                   | 4-6                                                                                 | 4                                                                                   |                                                                                     |                                                                                     |
| ■ SSZ10    | 3.4                    | 10.5                   | 8         | 36.4      | 14.9      | 6                                                                                                   | 4-6                                                                                 | 4                                                                                   |                                                                                     |                                                                                     |
| ■ SSZ12    | 3.4                    | 13                     | 8         | 40        | 18.9      | 6                                                                                                   | 4-6                                                                                 | 4                                                                                   |                                                                                     |                                                                                     |
| ■ PSZ10-5  | 4.5                    | 5.3                    | 10        | 34.1      | 12.1      | 10-16                                                                                               | 10                                                                                  | 6                                                                                   |                                                                                     |                                                                                     |
| ■ PSZ10-6  | 4.5                    | 6.4                    | 10        | 34.1      | 12.1      | 10-16                                                                                               | 10                                                                                  | 6                                                                                   |                                                                                     |                                                                                     |
| ■ PSZ10-8  | 4.5                    | 8.4                    | 10        | 40.4      | 14.8      | 10-16                                                                                               | 10                                                                                  | 6                                                                                   |                                                                                     |                                                                                     |
| ■ PSZ10-10 | 4.5                    | 10.5                   | 10.5      | 38.5      | 14.8      | 10-16                                                                                               | 10                                                                                  | 6                                                                                   |                                                                                     |                                                                                     |
| ■ PSZ10-12 | 4.5                    | 13                     | 10.5      | 43.4      | 18.9      | 10-16                                                                                               | 10                                                                                  | 6                                                                                   |                                                                                     |                                                                                     |
| ■ KSZ16-5  | 5.8                    | 5.3                    | 12.5      | 38        | 11.9      | 25                                                                                                  | 16                                                                                  | 10                                                                                  |                                                                                     |                                                                                     |
| ■ KSZ16-6  | 5.8                    | 6.4                    | 12.5      | 37.6      | 11.9      | 25                                                                                                  | 16                                                                                  | 10                                                                                  |                                                                                     |                                                                                     |
| ■ KSZ16-8  | 5.8                    | 8.4                    | 12.5      | 41.6      | 15.9      | 25                                                                                                  | 16                                                                                  | 10                                                                                  |                                                                                     |                                                                                     |
| ■ KSZ16-10 | 5.8                    | 10.5                   | 12.5      | 41.7      | 15.9      | 25                                                                                                  | 16                                                                                  | 10                                                                                  |                                                                                     |                                                                                     |
| ■ KSZ16-12 | 5.8                    | 13                     | 12.5      | 50        | 22        | 25                                                                                                  | 16                                                                                  | 10                                                                                  |                                                                                     |                                                                                     |
| ■ SSZ25-5  | 7.7                    | 5.3                    | 15        | 44.5      | 16.5      | 35-50                                                                                               | 25-35                                                                               | 16-25                                                                               |                                                                                     |                                                                                     |
| ■ SSZ25-6  | 7.7                    | 6.4                    | 15        | 44.5      | 16.5      | 35-50                                                                                               | 25-35                                                                               | 16-25                                                                               |                                                                                     |                                                                                     |
| ■ SSZ25-8  | 7.7                    | 8.4                    | 15        | 44.5      | 16.5      | 35-50                                                                                               | 25-35                                                                               | 16-25                                                                               |                                                                                     |                                                                                     |
| ■ SSZ25-10 | 7.7                    | 10.5                   | 15        | 47.4      | 17.4      | 35-50                                                                                               | 25-35                                                                               | 16-25                                                                               |                                                                                     |                                                                                     |
| ■ SSZ25-12 | 7.7                    | 13                     | 15        | 53.5      | 22        | 35-50                                                                                               | 25-35                                                                               | 16-25                                                                               |                                                                                     |                                                                                     |
| ■ PSZ35-6  | 9.4                    | 6.4                    | 18        | 53.5      | 22        | 70                                                                                                  | 50                                                                                  | 35                                                                                  |                                                                                     |                                                                                     |
| ■ PSZ35-8  | 9.4                    | 8.4                    | 18        | 53.5      | 22        | 70                                                                                                  | 50                                                                                  | 35                                                                                  |                                                                                     |                                                                                     |
| ■ PSZ35-10 | 9.4                    | 10.5                   | 18        | 53.8      | 22        | 70                                                                                                  | 50                                                                                  | 35                                                                                  |                                                                                     |                                                                                     |
| ■ PSZ35-12 | 9.4                    | 13                     | 18        | 53.8      | 22        | 70                                                                                                  | 50                                                                                  | 35                                                                                  |                                                                                     |                                                                                     |

9006; 9006R;  
9006RS

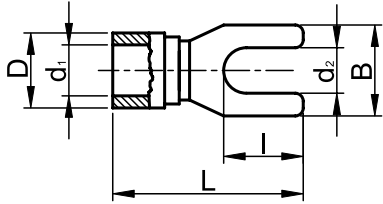
LY35C

RELEVANT STANDARD  
EN 61238-1

Izolowane końcówki widelkowe

| TRACON | d <sub>1</sub><br>(mm) | d <sub>2</sub><br>(mm) | D<br>(mm) | L<br>(mm) | I<br>(mm) | B<br>(mm) | mm <sup>2</sup>                                                                     |                                                                                     |                                                                                     |  |
|--------|------------------------|------------------------|-----------|-----------|-----------|-----------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|        |                        |                        |           |           |           |           |  |  |  |                                                                                     |
| PV3    | 1.7                    | 3.7                    | 5.4       | 21.5      | 6.4       | 6.3       | 1.5                                                                                 | 1.5                                                                                 | 0.75-1                                                                              |  |
| PV4    | 1.7                    | 4.3                    | 5.4       | 21.5      | 6.6       | 7.1       | 1.5                                                                                 | 1.5                                                                                 | 0.75-1                                                                              |                                                                                     |
| PV5    | 1.7                    | 5.3                    | 5.4       | 22.5      | 7.6       | 7.9       | 1.5                                                                                 | 1.5                                                                                 | 0.75-1                                                                              |                                                                                     |
| PV6    | 1.7                    | 6.4                    | 5.4       | 25.5      | 8.7       | 10.8      | 1.5                                                                                 | 1.5                                                                                 | 0.75-1                                                                              |                                                                                     |
| KV3    | 2.3                    | 3.7                    | 6.1       | 22.7      | 6.6       | 6.2       | 2.5-4                                                                               | 1.5-2.5                                                                             | 1.5-2.5                                                                             |                                                                                     |
| KV4    | 2.3                    | 4.3                    | 6.1       | 22.7      | 7.1       | 7.1       | 2.5-4                                                                               | 1.5-2.5                                                                             | 1.5-2.5                                                                             |                                                                                     |
| KV5    | 2.3                    | 5.3                    | 6.1       | 23        | 7.6       | 7.9       | 2.5-4                                                                               | 1.5-2.5                                                                             | 1.5-2.5                                                                             |                                                                                     |
| KV6    | 2.3                    | 6.4                    | 6.1       | 26.5      | 8.7       | 10.7      | 2.5-4                                                                               | 1.5-2.5                                                                             | 1.5-2.5                                                                             |                                                                                     |
| SV3    | 3.4                    | 3.7                    | 8         | 26.5      | 7.3       | 7.2       | 6                                                                                   | 4-6                                                                                 | 4                                                                                   |                                                                                     |
| SV4    | 3.4                    | 4.3                    | 8         | 27.3      | 7         | 8.1       | 6                                                                                   | 4-6                                                                                 | 4                                                                                   |                                                                                     |
| SV5    | 3.4                    | 5.3                    | 8         | 27.3      | 7.4       | 9         | 6                                                                                   | 4-6                                                                                 | 4                                                                                   |                                                                                     |
| SV6    | 3.4                    | 6.4                    | 8         | 30.3      | 9.2       | 10.8      | 6                                                                                   | 4-6                                                                                 | 4                                                                                   |                                                                                     |

9006; 9006R;  
9006RS



Proponowane narzędzia zaciskowe:

| TRACON   | mm <sup>2</sup> |
|----------|-----------------|
| LY35C    | 10-35           |
| 9006RS   | 0.5-2.5         |
| 9006R    | 2.5-6           |
| 9006     | 2.5-6           |
| CRIMPSET | 0.5-6           |



B/6, 26



LY35C



9006



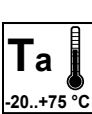
9006R

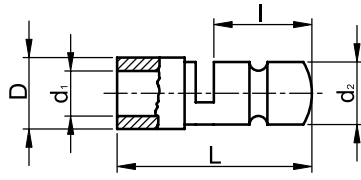
## Izolowane końcówki wtykowe

| TRACON | $d_1$<br>(mm) | $d_2$<br>(mm) | D<br>(mm) | L<br>(mm) | I<br>(mm) | mm <sup>2</sup> |         |        |                        |
|--------|---------------|---------------|-----------|-----------|-----------|-----------------|---------|--------|------------------------|
| ■ PH4  | 1.8           | 4             | 4.7       | 22.6      | 9         | 1-2.5           | 1-1.5   | 0.75-1 | 9006; 9006R;<br>9006RS |
| ■ KH4  | 2.3           | 5             | 5.5       | 22        | 9         | 2.5             | 1.5-2.5 | 1.5    |                        |
| ■ SH4  | 3.5           | 5             | 7.5       | 24.3      | 9         | 6               | 4-6     | 4      |                        |









**RELEVANT STANDARD**  
**EN 61238-1**

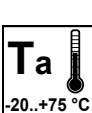


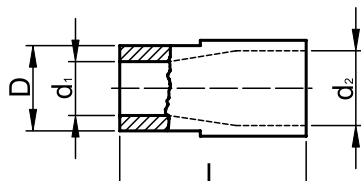
## Izolowane gniazda wtykowe

| TRACON | $d_1$<br>(mm) | $d_2$<br>(mm) | D<br>(mm) | L<br>(mm) |  | mm <sup>2</sup> |         |         |                        |
|--------|---------------|---------------|-----------|-----------|--|-----------------|---------|---------|------------------------|
| ■ PHA4 | 1.8           | 4             | 5.5       | 23.8      |  | 1-2.5           | 1-1.5   | 0.5-1.5 | 9006; 9006R;<br>9006RS |
| ■ KHA4 | 2.1           | 5             | 6         | 23        |  | 2.5             | 1.5-2.5 | 1.5     |                        |
| ■ SHA4 | 3.5           | 5             | 7.4       | 25        |  | 6               | 4-6     | 4       |                        |









**RELEVANT STANDARD**  
**EN 61238-1**

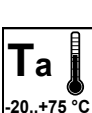


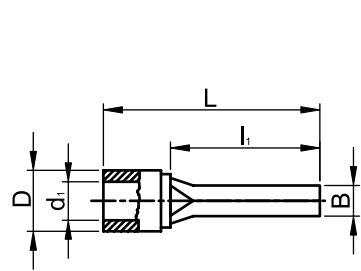
## Izolowane końcówki igiełkowe

| TRACON | $d_1$<br>(mm) | D<br>(mm) | L<br>(mm) | $I_1$<br>(mm) | B<br>(mm) | mm <sup>2</sup> |         |         |                        |
|--------|---------------|-----------|-----------|---------------|-----------|-----------------|---------|---------|------------------------|
| ■ PCS  | 1.8           | 5.4       | 23.3      | 12            | 1.9       | 1-2.5           | 1-1.5   | 0.5-1.5 | 9006; 9006R;<br>9006RS |
| ■ KCS  | 2.3           | 6         | 23.3      | 12            | 1.9       | 2.5-4           | 1.5-2.5 | 1.5-2.5 |                        |
| ■ SCS  | 3.5           | 7.8       | 28.5      | 13            | 2.7       | 6               | 4-6     | 4       |                        |

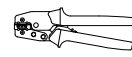




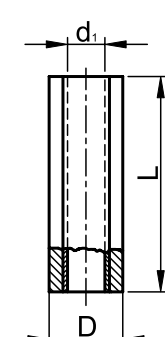





**Izolowane łączniki rurkowe**

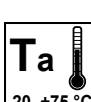
| TRACON                                    | $d_1$<br>(mm) | D<br>(mm) | L<br>(mm) |  |  mm <sup>2</sup> |  |  |
|-------------------------------------------|---------------|-----------|-----------|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| <span style="color: red;">■</span> PTH    | 2.1           | 6         | 25        | 1-2.5                                                                             | 0.5-1.5                                                                                            | 0.5-1.5                                                                             | <b>9006; 9006R;<br/>9006RS</b>                                                      |
| <span style="color: blue;">■</span> KTH   | 2.8           | 6.5       | 25        | 2.5-4                                                                             | 1.5-2.5                                                                                            | 1.5-2.5                                                                             |                                                                                     |
| <span style="color: yellow;">■</span> STH | 4.1           | 8         | 27        | 4-6                                                                               | 4-6                                                                                                | 4                                                                                   |                                                                                     |





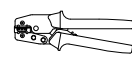
 E-Cu-Sn

 PVC

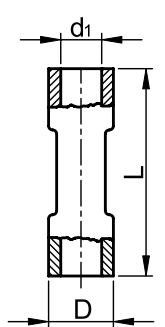
 Ta  
-20..+75 °C



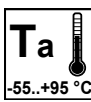
**Łączniki termokurczliwe, dwustronne**

| TRACON                                      | $d_1$<br>(mm) | D<br>(mm) | L<br>(mm) |  |  mm <sup>2</sup> |  |  |
|---------------------------------------------|---------------|-----------|-----------|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| <span style="color: red;">■</span> ZSTHP    | 1.8           | 4.6       | 37        | 1-1.5                                                                             | 0.5-1.5                                                                                            | 0.75-1                                                                              | <b>9006; 9006R;<br/>9006RS</b>                                                      |
| <span style="color: blue;">■</span> ZSTHK   | 2.6           | 5.4       | 36.6      | 2.5-4                                                                             | 1.5-2.5                                                                                            | 1.5-2.5                                                                             |                                                                                     |
| <span style="color: yellow;">■</span> ZSTHS | 3.6           | 6.6       | 42        | 4-6                                                                               | 4-6                                                                                                | 2.5-4                                                                               |                                                                                     |





 POLYOLEFIN

 Ta  
-55..+95 °C

 3:1

 E-Cu-Sn



**Łączniki termokurczliwe z cyną**

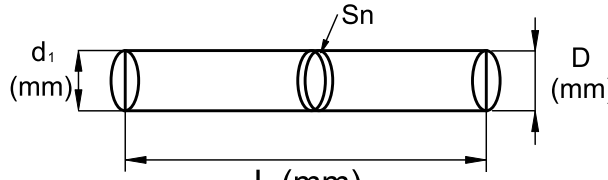
| TRACON                                      | $d_1$<br>(mm) | D<br>(mm) | L<br>(mm) |  mm <sup>2</sup> |
|---------------------------------------------|---------------|-----------|-----------|-------------------------------------------------------------------------------------------------------|
| <span style="color: grey;">■</span> THSN0,5 | 2             | 2.5       | 24        | 0.25-0.5                                                                                              |
| <span style="color: red;">■</span> THSN1    | 2.6           | 4.4       | 40        | 0.5-1                                                                                                 |
| <span style="color: blue;">■</span> THSN2,5 | 4.2           | 6.2       | 42        | 1.5-2.5                                                                                               |
| <span style="color: yellow;">■</span> THSN6 | 6             | 7         | 40        | 4-6                                                                                                   |

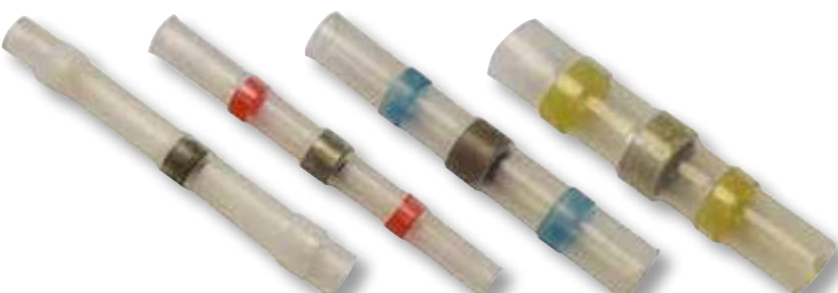
 3:1

 POLYOLEFIN

 Ta  
-55..+95 °C

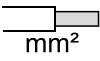
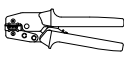
 Sn

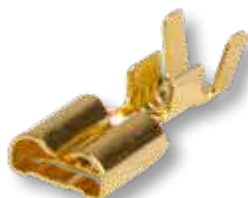






## Nieizolowane nasuwki konektorowe

| TRACON |  | d <sub>1</sub><br>(mm) | L<br>(mm) | l <sub>1</sub><br>(mm) | l <sub>2</sub><br>(mm) | W<br>(mm) |  mm <sup>2</sup> |  |
|--------|-----------------------------------------------------------------------------------|------------------------|-----------|------------------------|------------------------|-----------|-----------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| CSH3   | 2.8 × 0.5                                                                         | 2.7                    | 15.5      | 6.7                    | –                      | 3.8       | 0.5-1                                                                                               | LY03B; LY03BR                                                                       |
| CSH5   | 4.8 × 0.5                                                                         | 3.1                    | 15.5      | 6.4                    | –                      | 5.7       | 0.5-1                                                                                               |                                                                                     |
| CSH6   | 6.3 × 0.8                                                                         | 3.7                    | 19.5      | 7.7                    | –                      | 7.6       | 1-2.5                                                                                               |                                                                                     |
| CSH6-2 | 6.3 × 0.8                                                                         | 4.3                    | 19        | 7.7                    | –                      | 7.6       | 4-6                                                                                                 |                                                                                     |
| CSH6-B | 6.3 × 0.8                                                                         | 3.7                    | 20        | 7.7                    | –                      | 7.6       | 1-2.5                                                                                               |                                                                                     |
| CSH09B | 7.7 × 0.8                                                                         | 3.7                    | 13.4      | 8.3                    | 16.7                   | 9         | 1-2.5                                                                                               | –                                                                                   |



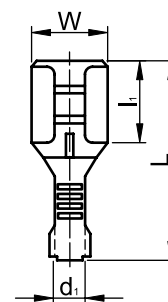
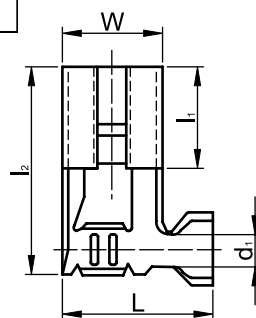
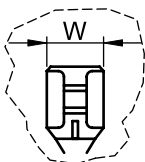
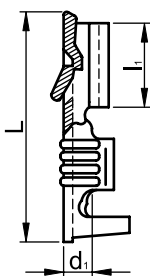
CSH6-B



CSH09B



CSH3

CSH5, CSH6,  
CSH6-2

Proponowane narzędzia zaciskowe:

B/6,27

TRACON



LY03BR

0.5-6

LY03B

0.5-6

CRIMPSET

0.5-6



LY03BR



CRIMPSET



LY03B



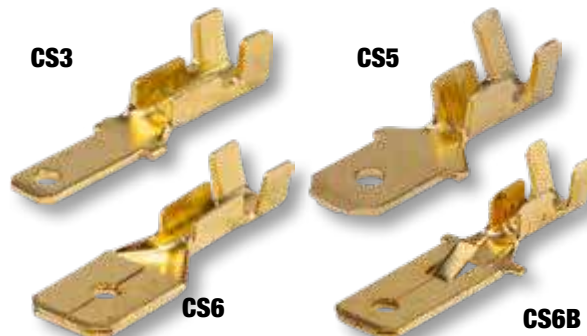
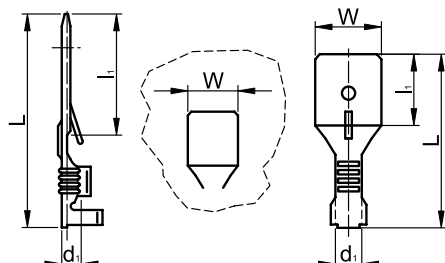
ZESKANUJ KOD!

- Odwiedź naszą stronę
- Bądź zawsze na bieżąco

Nasz asortyment jest na bieżąco rozwijany, a niniejszy katalog odzwierciedla naszą ofertę we wrześniu 2024 roku. Aby być na bieżąco, śledź naszą stronę internetową!

**Nieizolowane wsuwki konektorowe**

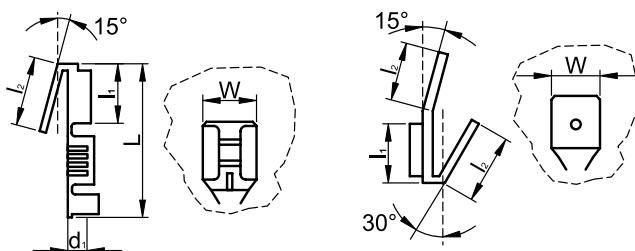
| TRACON |  | $d_1$<br>(mm) | L<br>(mm) | $I_1$<br>(mm) | W<br>(mm) | <br>mm <sup>2</sup> |  |
|--------|-----------------------------------------------------------------------------------|---------------|-----------|---------------|-----------|--------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| CS3    | 2.8 × 0.5                                                                         | 2.7           | 13.3      | 6             | 2.8       | 0.5-1                                                                                                  | <b>LY03B;<br/>LY03BR</b>                                                            |
| CS5    | 4.8 × 0.5                                                                         | 3.1           | 17.9      | 6.4           | 4.8       | 0.5-1                                                                                                  |                                                                                     |
| CS6    | 6.3 × 0.8                                                                         | 2.6           | 20.3      | 8.4           | 6.3       | 0.75-1.5                                                                                               |                                                                                     |
| CS6B   | 6.3 × 0.8                                                                         | 3.7           | 28.7      | 16.5          | 6.3       | 1-2.5                                                                                                  |                                                                                     |



RELEVANT STANDARD  
EN 61210

**Nieizolowane nasuwki konektorowe**

| TRACON |  | $d_1$<br>(mm) | L<br>(mm) | $I_1$<br>(mm) | $I_2$<br>(mm) | W<br>(mm) | <br>mm <sup>2</sup> |  |
|--------|-----------------------------------------------------------------------------------|---------------|-----------|---------------|---------------|-----------|--------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| CSE    | 6.3 × 0.8                                                                         | 3.7           | 20        | 7.7           | 8             | 6.3       | 1-2.5                                                                                                  | <b>LY03B;<br/>LY03BR</b>                                                            |
| CSEL   | 6.3 × 0.8                                                                         | -             | 18.8      | 7.7           | 8.1           | 6.3       | 1-2.5                                                                                                  |                                                                                     |



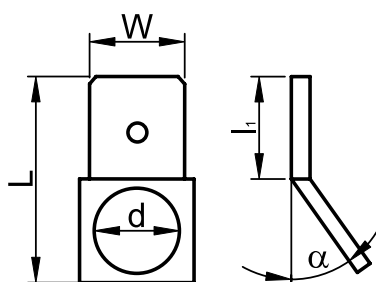
RELEVANT STANDARD  
EN 61210

**Nieizolowane wsuwki konektorowe mocowane za pomocą śrub**

| TRACON   |  | d<br>(mm) | L<br>(mm) | $I_1$<br>(mm) | W<br>(mm) | $\alpha$ |
|----------|-------------------------------------------------------------------------------------|-----------|-----------|---------------|-----------|----------|
| CSA-45-4 | 6.3 × 0.8                                                                           | 4.4       | 16.5      | 8.2           | 6.3       | 45°      |
| CSA-45-5 | 6.3 × 0.8                                                                           | 5.2       | 16.5      | 8.2           | 6.3       | 45°      |
| CSA-90-5 | 6.3 × 0.8                                                                           | 5.2       | 16.5      | 8.2           | 6.3       | 90°      |



RELEVANT STANDARD  
EN 61210



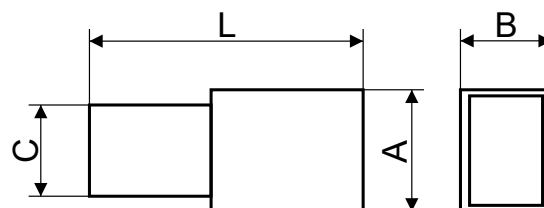
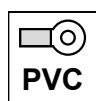
## Lekkie obudowy izolacyjne PCV do wsuwek i nasuwek konektorowych

| TRACON         |  | L<br>(mm) | A<br>(mm) | B<br>(mm) | C<br>(mm) |
|----------------|-----------------------------------------------------------------------------------|-----------|-----------|-----------|-----------|
| <b>SZICSH6</b> | CS5, CSH6                                                                         | 21.4      | 7.4       | 3.3       | 6.5       |
| <b>SZICS6</b>  | CS6                                                                               | 22.8      | 9         | 4.7       | 6.9       |



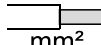
SZICSH6

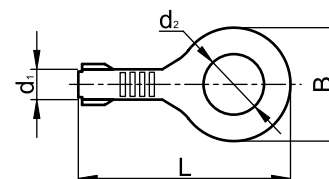
SZICS6



RELEVANT STANDARD  
EN 61210

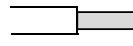
## Nieizolowane prasowane miedziane końcówki oczkowe

| TRACON      | d <sub>1</sub><br>(mm) | d <sub>2</sub><br>(mm) | B<br>(mm) | L<br>(mm) |  mm <sup>2</sup> |  |
|-------------|------------------------|------------------------|-----------|-----------|-----------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| <b>HSZ4</b> | 3.7                    | 4.3                    | 10        | 23.2      | 1-2.5                                                                                               | <b>LY03B;<br/>LY03BR</b>                                                            |
| <b>HSZ5</b> | 3.7                    | 5.4                    | 10        | 23.2      | 1-2.5                                                                                               |                                                                                     |
| <b>HSZ6</b> | 3.7                    | 6.4                    | 9.5       | 19.6      | 1-2.5                                                                                               |                                                                                     |
| <b>HSZ8</b> | 4.9                    | 8.4                    | 13.5      | 25        | 2.5-4                                                                                               |                                                                                     |



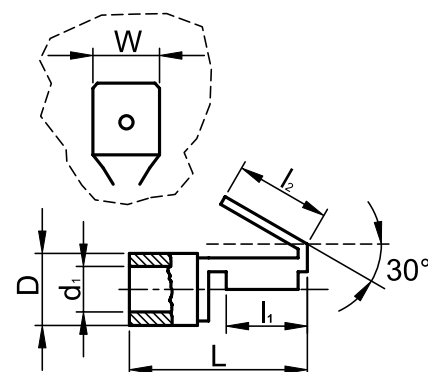
Spis  
piktogramów **A/0**

## Izolowane nasuwki konektorowe z wsuwkami

| TRACON |  | d <sub>1</sub><br>(mm) | D<br>(mm) | L<br>(mm) | I <sub>1</sub><br>(mm) | W<br>(mm) |  mm <sup>2</sup> |  |
|--------|-------------------------------------------------------------------------------------|------------------------|-----------|-----------|------------------------|-----------|-------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| ■ PCSE | 6.3 × 0.8                                                                           | 1.7                    | 4.6       | 22.6      | 8.6                    | 6.3       | 1.5    1-1.5    0.5-1                                                                                 | 9006; 9006R                                                                           |
| ■ KCSE | 6.3 × 0.8                                                                           | 2.1                    | 5.5       | 23.7      | 8.6                    | 6.3       | 2.5    1.5-2.5    1.5                                                                                 |                                                                                       |



RELEVANT STANDARD  
EN 61210





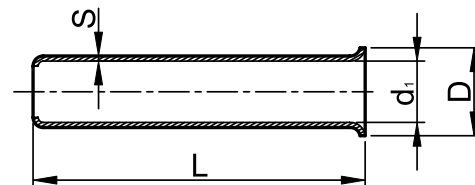
## Nieizolowane końcówki tulejkowe

| TRACON  |  mm <sup>2</sup> | D<br>(mm) | d <sub>1</sub><br>(mm) | S<br>(mm) | L<br>(mm) |
|---------|---------------------------------------------------------------------------------------------------|-----------|------------------------|-----------|-----------|
| E01NR6  | 0.5                                                                                               | 1.3       | 1                      | 0.2       | 6         |
| E01NR   | 0.5                                                                                               | 1.3       | 1                      | 0.2       | 8         |
| E01N    | 0.5                                                                                               | 1.3       | 1                      | 0.2       | 10        |
| E02NR   | 0.75                                                                                              | 1.5       | 1.2                    | 0.2       | 8         |
| E02N    | 0.75                                                                                              | 1.5       | 1.2                    | 0.2       | 10        |
| E03NR   | 1                                                                                                 | 1.8       | 1.4                    | 0.2       | 8         |
| E03N    | 1                                                                                                 | 1.8       | 1.4                    | 0.2       | 10        |
| E04NR   | 1.5                                                                                               | 2         | 1.7                    | 0.2       | 8         |
| E04N    | 1.5                                                                                               | 2         | 1.7                    | 0.2       | 10        |
| E05NR   | 2.5                                                                                               | 2.6       | 2.2                    | 0.2       | 8         |
| E05N    | 2.5                                                                                               | 2.6       | 2.2                    | 0.2       | 10        |
| E06NR   | 4                                                                                                 | 3.2       | 2.8                    | 0.2       | 9         |
| E06N    | 4                                                                                                 | 3.2       | 2.8                    | 0.2       | 12        |
| E07NR   | 6                                                                                                 | 3.9       | 3.5                    | 0.2       | 12        |
| E07N    | 6                                                                                                 | 3.9       | 3.5                    | 0.2       | 15        |
| E08NR   | 10                                                                                                | 4.9       | 4.5                    | 0.2       | 12        |
| E08N    | 10                                                                                                | 4.9       | 4.5                    | 0.2       | 15        |
| E09N    | 16                                                                                                | 6.2       | 5.8                    | 0.2       | 15        |
| E10N    | 25                                                                                                | 7.9       | 7.5                    | 0.2       | 16        |
| E11N    | 35                                                                                                | 8.7       | 8.3                    | 0.25      | 16        |
| E12N    | 50                                                                                                | 10.9      | 10.3                   | 0.3       | 20        |
| E13N    | 70                                                                                                | 15.3      | 13.5                   | 0.4       | 22        |
| E14N    | 95                                                                                                | 16.8      | 14.6                   | 0.4       | 32        |
| E08N-18 | 10                                                                                                | 4.9       | 4.5                    | 0.2       | 18        |
| E09N-12 | 16                                                                                                | 6.2       | 5.8                    | 0.2       | 12        |
| E10N-18 | 25                                                                                                | 7.9       | 7.5                    | 0.2       | 18        |
| E14N-25 | 95                                                                                                | 16.8      | 14.6                   | 0.4       | 25        |
| E15N-30 | 120                                                                                               | 16.8      | 14.6                   | 0.4       | 30        |
| E16N-32 | 150                                                                                               | 16.8      | 14.6                   | 0.4       | 32        |

Elementy, których symbole oznaczone są kolorowym tłem, dostępne są stałe na naszym stanie magazynowym.



RELEVANT STANDARD  
EN 61238-1



Zalecane typy prasek do zaciskania izolowanych i nieizolowanych końcówek tulejkowych:

| TRACON  |  mm <sup>2</sup> | TRACON     |  mm <sup>2</sup> | TRACON |  mm <sup>2</sup> |
|---------|-----------------------------------------------------------------------------------------------------|------------|------------------------------------------------------------------------------------------------------|--------|-------------------------------------------------------------------------------------------------------|
| 9102-LT | 0.25-2.5                                                                                            | 9039AR     | 0.5-6                                                                                                | F6L    | 0.5-6                                                                                                 |
| 9004-LT | 0.5-16                                                                                              | 9039BR     | 10-35                                                                                                | F25L   | 6-25                                                                                                  |
| 9039    | 6-16                                                                                                | 9039A-SPEC | 0.25-6                                                                                               | F50L   | 35-50                                                                                                 |
| 9039A   | 1.5-6                                                                                               | 9039B-SPEC | 6-16                                                                                                 |        |                                                                                                       |
| 9039B   | 10-35                                                                                               | 9039-HEXA  | 0.25-6                                                                                               |        |                                                                                                       |

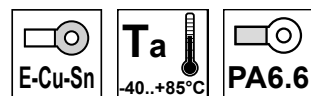
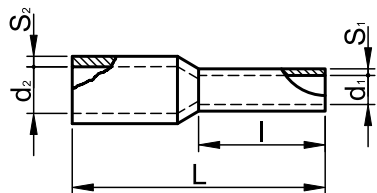


## Izolowane końcówki tulejkowe

| TRACON                                                                             | (NFC)*      | TRACON                                                                              | (DIN-VDE)** | mm <sup>2</sup> | d <sub>1</sub><br>(mm) | d <sub>2</sub><br>(mm) | L<br>(mm) | l<br>(mm) | S <sub>1</sub><br>(mm) | S <sub>2</sub><br>(mm) |
|------------------------------------------------------------------------------------|-------------|-------------------------------------------------------------------------------------|-------------|-----------------|------------------------|------------------------|-----------|-----------|------------------------|------------------------|
|    | <b>E034</b> |    | <b>E134</b> | 0.25            | 0.8                    | 1.5                    | 10.4      | 6         | 0.15                   | 0.25                   |
|                                                                                    |             |    | <b>E135</b> | 0.25            | 0.8                    | 1.5                    | 12.8      | 8         | 0.15                   | 0.25                   |
|                                                                                    |             |    | <b>E136</b> | 0.34            | 0.8                    | 1.9                    | 10.4      | 6         | 0.15                   | 0.3                    |
|                                                                                    |             |    | <b>E137</b> | 0.34            | 0.8                    | 1.9                    | 12.8      | 8         | 0.15                   | 0.3                    |
|                                                                                    |             |    | <b>E010</b> | 0.5             | 1                      | 2.6                    | 12        | 6         | 0.15                   | 0.25                   |
|                                                                                    |             |    | <b>E020</b> | 0.5             | 1                      | 2.6                    | 14        | 8         | 0.15                   | 0.25                   |
|                                                                                    |             |    | <b>E030</b> | 0.5             | 1                      | 2.6                    | 16        | 10        | 0.15                   | 0.25                   |
|                                                                                    |             |    | <b>E040</b> | 0.75            | 1.2                    | 2.8                    | 12.4      | 6         | 0.15                   | 0.25                   |
|    | <b>E05</b>  |    | <b>E050</b> | 0.75            | 1.2                    | 2.8                    | 14.6      | 8         | 0.15                   | 0.25                   |
|                                                                                    |             |    | <b>E060</b> | 0.75            | 1.2                    | 2.8                    | 16.4      | 10        | 0.15                   | 0.25                   |
|                                                                                    |             |    | <b>E070</b> | 0.75            | 1.2                    | 2.8                    | 18.4      | 12        | 0.15                   | 0.25                   |
|                                                                                    |             |    | <b>E080</b> | 1               | 1.4                    | 3                      | 12.4      | 6         | 0.2                    | 0.3                    |
|    | <b>E09</b>  |    | <b>E090</b> | 1               | 1.4                    | 3                      | 14.6      | 8         | 0.2                    | 0.3                    |
|                                                                                    |             |    | <b>E100</b> | 1               | 1.4                    | 3                      | 16.4      | 10        | 0.2                    | 0.3                    |
|                                                                                    |             |    | <b>E110</b> | 1               | 1.4                    | 3                      | 18.4      | 12        | 0.2                    | 0.3                    |
|    | <b>E13</b>  |    | <b>E113</b> | 1.5             | 1.7                    | 3.5                    | 14.6      | 8         | 0.15                   | 0.25                   |
|                                                                                    |             |    | <b>E114</b> | 1.5             | 1.7                    | 3.5                    | 16.4      | 10        | 0.15                   | 0.25                   |
|    | <b>E14</b>  |                                                                                     |             | 1.5             | 1.7                    | 3.5                    | 18        | 12        | 0.15                   | 0.25                   |
|                                                                                    |             |    | <b>E115</b> | 1.5             | 1.7                    | 3.5                    | 25        | 18        | 0.15                   | 0.25                   |
|   | <b>E16</b>  |   | <b>E116</b> | 2.5             | 2.3                    | 4                      | 15.2      | 8         | 0.15                   | 0.25                   |
|                                                                                    |             |  | <b>E117</b> | 2.5             | 2.3                    | 4                      | 19.2      | 12        | 0.15                   | 0.25                   |
|                                                                                    |             |  | <b>E118</b> | 2.5             | 2.3                    | 4                      | 25.2      | 18        | 0.15                   | 0.25                   |
|  | <b>E19</b>  |  | <b>E119</b> | 4               | 2.8                    | 4.4                    | 16.5      | 9         | 0.2                    | 0.3                    |
|                                                                                    |             |  | <b>E120</b> | 4               | 2.8                    | 4.4                    | 19.5      | 12        | 0.2                    | 0.3                    |
|                                                                                    |             |  | <b>E121</b> | 4               | 2.8                    | 4.4                    | 25.5      | 18        | 0.2                    | 0.3                    |
|  | <b>E22</b>  |  | <b>E122</b> | 6               | 3.5                    | 6.3                    | 20        | 12        | 0.2                    | 0.3                    |
|                                                                                    |             |  | <b>E123</b> | 6               | 3.5                    | 6.3                    | 26        | 18        | 0.2                    | 0.3                    |
|  | <b>E24</b>  |  | <b>E124</b> | 10              | 4.5                    | 7.6                    | 21.5      | 12        | 0.2                    | 0.4                    |
|                                                                                    |             |  | <b>E125</b> | 10              | 4.5                    | 7.6                    | 27.5      | 18        | 0.2                    | 0.4                    |
|  | <b>E26</b>  |  | <b>E126</b> | 16              | 5.8                    | 8.8                    | 22.2      | 12        | 0.2                    | 0.4                    |
|                                                                                    |             |  | <b>E127</b> | 16              | 5.8                    | 8.8                    | 28.2      | 18        | 0.2                    | 0.4                    |
|  | <b>E28</b>  |  | <b>E128</b> | 25              | 7.5                    | 11.2                   | 29        | 16        | 0.2                    | 0.4                    |
|  | <b>E29</b>  |  | <b>E129</b> | 25              | 7.5                    | 11.2                   | 35        | 22        | 0.2                    | 0.4                    |
|  | <b>E30</b>  |  | <b>E130</b> | 35              | 8.3                    | 12.7                   | 30        | 16        | 0.2                    | 0.4                    |
|                                                                                    |             |  | <b>E131</b> | 35              | 8.3                    | 12.7                   | 39        | 25        | 0.2                    | 0.4                    |
|  | <b>E32</b>  |  | <b>E132</b> | 50              | 10.3                   | 15.3                   | 36        | 20        | 0.3                    | 0.6                    |
|                                                                                    |             |  | <b>E133</b> | 50              | 10.3                   | 15.3                   | 41        | 25        | 0.3                    | 0.6                    |
|                                                                                    |             |  | <b>E140</b> | 70              | 13                     | 16.7                   | 37.5      | 21        | 0.5                    | 0.75                   |
|                                                                                    |             |  | <b>E142</b> | 95              | 14.5                   | 18                     | 43.6      | 25        | 0.6                    | 1                      |
|                                                                                    |             |  | <b>E144</b> | 120             | 16.6                   | 20.4                   | 48        | 27        | 0.6                    | 1                      |
|                                                                                    |             |  | <b>E146</b> | 150             | 20                     | 23.5                   | 58        | 32        | 0.6                    | 1                      |

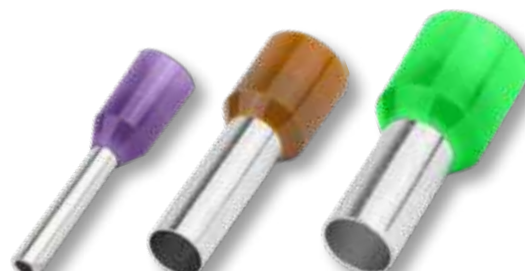
\* NFC = Norma francuska NFC

\*\* DIN-VDE = Norma niemiecka

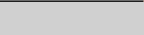
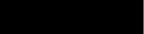
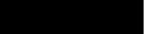


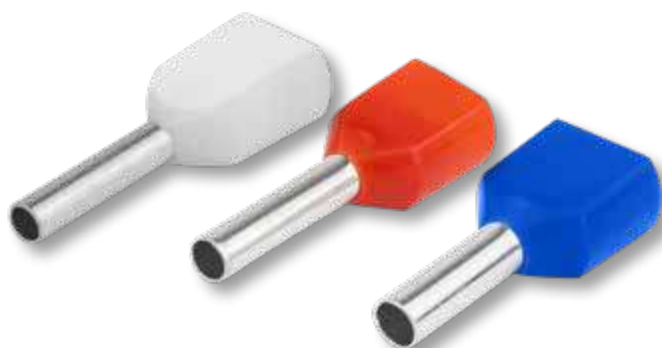
Elementy, których symbole oznaczone są kolorowym tłem, dostępne są stale na naszym stanie magazynowym

RELEVANT STANDARD  
EN 61238-1

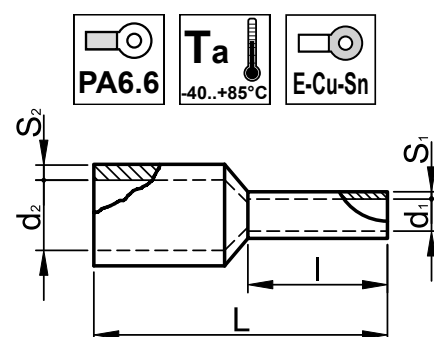


## Izolowane podwójne końcówki tulejkowe

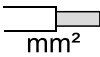
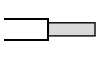
| TRACON                                                                                         |  |  | $d_1$<br>(mm) | $d_2$<br>(mm) | L<br>(mm) | l<br>(mm) | $S_1$<br>(mm) | $S_2$<br>(mm) |
|------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|---------------|---------------|-----------|-----------|---------------|---------------|
|  <b>E20I</b>  |  | $2 \times 0.5$                                                                    | 1.5           | 4.7           | 15        | 8         | 0.2           | 0.5           |
|  <b>E50I</b>  |  | $2 \times 0.75$                                                                   | 1.8           | 5             | 16        | 8         | 0.2           | 0.4           |
|  <b>E50IH</b> |  | $2 \times 0.75$                                                                   | 1.8           | 5             | 17.5      | 10        | 0.2           | 0.5           |
|  <b>E90I</b>  |  | $2 \times 1.0$                                                                    | 2.3           | 5.4           | 15        | 8         | 0.15          | 0.3           |
|  <b>E90IH</b> |  | $2 \times 1.0$                                                                    | 2.3           | 5.4           | 18        | 10        | 0.2           | 0.5           |
|  <b>E13IR</b> |  | $2 \times 1.5$                                                                    | 2.3           | 6.5           | 16        | 8         | 0.2           | 0.4           |
|  <b>E13I</b>  |  | $2 \times 1.5$                                                                    | 2.3           | 6.5           | 20        | 12        | 0.15          | 0.3           |
|  <b>E16IR</b> |  | $2 \times 2.5$                                                                    | 2.8           | 7.8           | 20        | 10        | 0.2           | 0.5           |
|  <b>E16I</b>  |  | $2 \times 2.5$                                                                    | 2.8           | 7.8           | 22.5      | 13        | 0.2           | 0.5           |
|  <b>E19I</b>  |  | $2 \times 4.0$                                                                    | 3.8           | 9             | 23.5      | 12        | 0.2           | 0.5           |
|  <b>E22I</b>  |  | $2 \times 6.0$                                                                    | 4.9           | 10.2          | 25.5      | 14        | 0.2           | 0.4           |
|  <b>E24I</b>  |  | $2 \times 10.0$                                                                   | 6.5           | 13            | 26.5      | 14        | 0.2           | 0.5           |
|  <b>E26I</b>  |  | $2 \times 16.0$                                                                   | 8.3           | 18.7          | 32        | 14        | 0.3           | 0.5           |

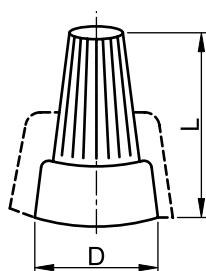
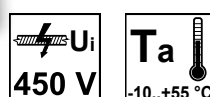
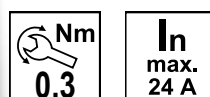
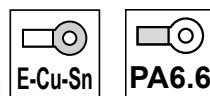


RELEVANT STANDARD  
EN 61238-1  
MSZ-05-45.1601-26



## Złączki nakręcane na przewody

| TRACON                                                                                          |  |  | D<br>(mm) | L<br>(mm) |
|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------|-----------|
|  <b>TFM1</b> | 0.5-1.5                                                                             | 10                                                                                  | 8.6       | 15        |
|  <b>TFM2</b> | 0.75-2.5                                                                            | 10                                                                                  | 9.7       | 17.3      |
|  <b>TFM3</b> | 1-4                                                                                 | 10                                                                                  | 11.1      | 21        |
|  <b>TFM4</b> | 1.5-6                                                                               | 10                                                                                  | 14        | 24.7      |



RELEVANT STANDARD  
EN 60998-1

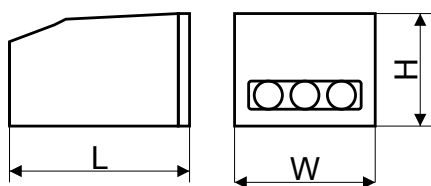
RELEVANT STANDARD  
EN 60998-2-4

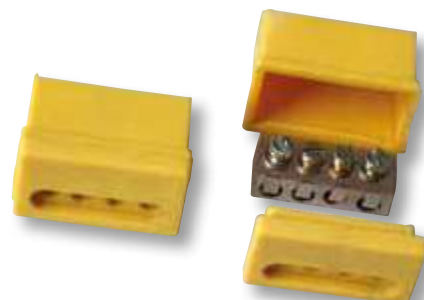


Do przewodów miedzianych - drut

**Łączniki śrubowe**

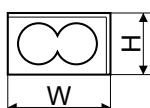
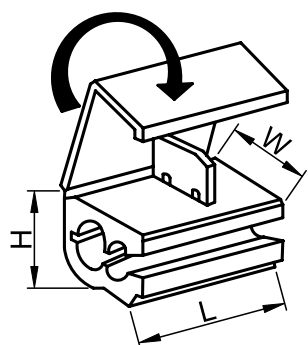
| TRACON            |  | <br>mm <sup>2</sup> | L<br>(mm) | W<br>(mm) | H<br>(mm) |
|-------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|-----------|-----------|-----------|
| <b>TRK4</b>       | żółta obudowa, 4 łączy                                                            | 1.5-4                                                                                                | 19.5      | 13.4      | 13.4      |
| <b>TBT-2,5</b>    | przeźroczysta obudowa, 5 łączy, 1 śruba                                           | 2.5                                                                                                  | 49.7      | 17.4      | 17.8      |
| <b>TBT-4</b>      | przeźroczysta obudowa, 5 łączy, 1 śruba                                           | 4                                                                                                    | 58.5      | 20        | 20        |
| <b>TBT-6</b>      | przeźroczysta obudowa, 5 łączy, 1 śruba                                           | 6                                                                                                    | 67.5      | 22.5      | 23.5      |
| <b>TBT-10</b>     | przeźroczysta obudowa, 5 łączy, 1 śruba                                           | 10                                                                                                   | 82        | 27        | 27        |
| <b>TBT-16</b>     | przeźroczysta obudowa, 5 łączy, 1 śruba                                           | 16                                                                                                   | 110       | 33.1      | 33        |
| <b>TBT-2,5/10</b> | przeźroczysta obudowa, 10 łączy, 1 śruba                                          | 2.5                                                                                                  | 100       | 17.4      | 18        |
| <b>TBT-4/10</b>   | przeźroczysta obudowa, 10 łączy, 1 śruba                                          | 4                                                                                                    | 115.2     | 20.1      | 19.1      |
| <b>TBT-6/10</b>   | przeźroczysta obudowa, 10 łączy, 1 śruba                                          | 6                                                                                                    | 134.2     | 22.6      | 22.5      |
| <b>TBT-10/10</b>  | przeźroczysta obudowa, 10 łączy, 1 śruba                                          | 10                                                                                                   | 161.8     | 26.9      | 26.5      |
| <b>TBT-16/10</b>  | przeźroczysta obudowa, 10 łączy, 1 śruba                                          | 16                                                                                                   | 220       | 31.3      | 32        |


**450  
V AC**
**In  
max.  
40 A**
**IP  
20**
**PA6.6**
  
**Cu**
**Ta**   
-10...+55 °C

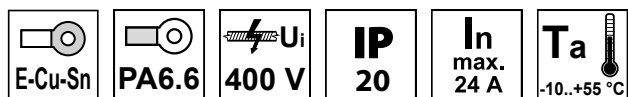
  
**500 V**

**RELEVANT STANDARD  
EN 60998**

**Łączniki zatrzaskowe**

| TRACON                                                                                       | L<br>(mm) | W<br>(mm) | H<br>(mm) | <br>mm <sup>2</sup> | In   |
|----------------------------------------------------------------------------------------------|-----------|-----------|-----------|----------------------------------------------------------------------------------------------------------|------|
|  <b>PL</b> | 19.5      | 16        | 16        | 0.5-1                                                                                                    | 10 A |
|  <b>KL</b> | 19.5      | 16        | 11        | 1.5-2.5                                                                                                  | 20 A |
|  <b>SL</b> | 20        | 17        | 16        | 4-6                                                                                                      | 50 A |

  
**E-Cu-Sn**
  
**PVC**
**50  
V DC**
**Ta**   
-20...+75 °C


## Szybkozłączki oświetleniowe, standardowe



| TRACON        | mm <sup>2</sup> |             |             |             | L<br>(mm) | W<br>(mm) | H<br>(mm) |
|---------------|-----------------|-------------|-------------|-------------|-----------|-----------|-----------|
|               |                 |             |             |             |           |           |           |
| <b>OLC11D</b> | 1 × 0.5-2.5     | 1 × 0.5-2.5 | 1 × 0.5-2.5 | 1 × 0.5-2.5 | 42.6      | 10.6      | 16.4      |
| <b>OLC11</b>  | 1 × 1-2.5       | –           | 1 × 0.5-2.5 | 1 × 0.5-2.5 | 20.5      | 8.1       | 15.1      |
| <b>OLC21</b>  | 2 × 1-2.5       | –           | 1 × 0.5-2.5 | 1 × 0.5-2.5 | 20.5      | 9.7       | 15.6      |



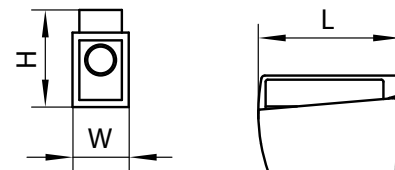
OLC11D



OLC11



OLC21



## Wodoodporne obudowy z tworzywa sztucznego z żelazem + łączniki bezśrubowe



| TRACON       | L<br>(mm) | W<br>(mm) | H<br>(mm) |
|--------------|-----------|-----------|-----------|
| <b>BOXW1</b> | 41        | 28        | 19        |
| <b>BOXW2</b> | 45        | 37        | 24        |
| <b>BOXW3</b> | 53        | 39        | 24        |

## Zalecane łączniki

| TRACON       | OV02,5-2<br>OV0T2,5-2 | OV02,5-3<br>OV0T2,5-3 | OV02,5-5<br>OV0T2,5-5 |
|--------------|-----------------------|-----------------------|-----------------------|
| <b>BOXW1</b> | ✓                     | X                     | X                     |
| <b>BOXW2</b> | X                     | ✓                     | X                     |
| <b>BOXW3</b> | X                     | X                     | ✓                     |

BOXW1

BOXW2

BOXW3

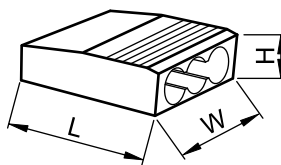




## Łączniki bezśrubowe, wtykane

|                                                                                                                |                                                                                                  |                                                                                                |                                                                                                                        |                                                                                                             |                                                                                                   |
|----------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
|  <b>U<sub>i</sub></b><br>450 V |  <b>E-Cu-Sn</b> |  <b>PA6.6</b> |  <b>T<sub>a</sub></b><br>-10...+55 °C |  <b>In</b><br>max.<br>16 A |  <b>IP</b><br>20 |
|----------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|

| TRACON          |  mm <sup>2</sup> | <b>L</b><br>(mm) | <b>W</b><br>(mm) | <b>H</b><br>(mm) |
|-----------------|---------------------------------------------------------------------------------------------------|------------------|------------------|------------------|
| <b>RVU2,5-2</b> | 2 × 0.5-2.5                                                                                       | 12.1             | 16.6             | 7                |
| <b>RVU2,5-3</b> | 3 × 0.5-2.5                                                                                       | 16.1             | 16.6             | 6.9              |
| <b>RVU2,5-4</b> | 4 × 0.5-2.5                                                                                       | 12               | 16.5             | 11               |
| <b>RVU2,5-5</b> | 5 × 0.5-2.5                                                                                       | 24.1             | 16.6             | 7                |
| <b>RVU2,5-6</b> | 6 × 0.5-2.5                                                                                       | 16               | 16.7             | 11               |
| <b>RVU2,5-8</b> | 8 × 0.5-2.5                                                                                       | 20.4             | 16.7             | 11               |



RVU2.5-4

RVU2.5-8

RVU2.5-3

RVU2.5-2

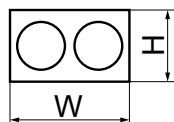
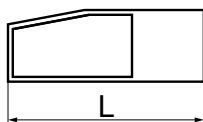
RVU2.5-5

RVU2.5-6

## Łączniki bezśrubowe, wtykane

|                                                                                                   |                                                                                                  |                                                                                                                          |                                                                                                                   |                                                                                                               |                                                                                                     |
|---------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
|  <b>E-Cu-Sn</b> |  <b>PA6.6</b> |  <b>T<sub>a</sub></b><br>-10...+55 °C |  <b>U<sub>i</sub></b><br>500 V |  <b>In</b><br>max.<br>24 A |  <b>IP</b><br>20 |
|---------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|

| TRACON                                                                                             |  mm <sup>2</sup> | <b>L</b><br>(mm) | <b>W</b><br>(mm) | <b>H</b><br>(mm) |
|----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|------------------|------------------|------------------|
|  <b>RV02,5-2</b> | 2 × 0.5-2.5                                                                                         | 16.6             | 10               | 6                |
|  <b>RV02,5-3</b> | 3 × 0.5-2.5                                                                                         | 16.6             | 13.9             | 6                |
|  <b>RV02,5-4</b> | 4 × 0.5-2.5                                                                                         | 16.6             | 18               | 6                |
|  <b>RV02,5-5</b> | 5 × 0.5-2.5                                                                                         | 16.6             | 22.2             | 6                |
|  <b>RV02,5-8</b> | 8 × 0.5-2.5                                                                                         | 16.6             | 18.1             | 11               |



RELEVANT STANDARD  
EN 60998-1

RELEVANT STANDARD  
EN 60998-2-4



**USB**  
G/13



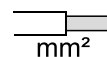
## Łączniki bezśrubowe, otwierane, przeźroczyste



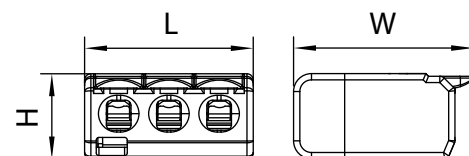
RVON5



TRACON

mm<sup>2</sup>L  
(mm)W  
(mm)H  
(mm)

|       |           |      |      |     |
|-------|-----------|------|------|-----|
| RVON2 | 2 × 0.2-4 | 13.2 | 20.1 | 9.5 |
| RVON3 | 3 × 0.2-4 | 18.8 | 20.1 | 9.5 |
| RVON5 | 5 × 0.2-4 | 30   | 20.1 | 9.5 |



RVON3



RVON2

## Łączniki bezśrubowe, otwierane, przeźroczyste



RVONK8



TRACON

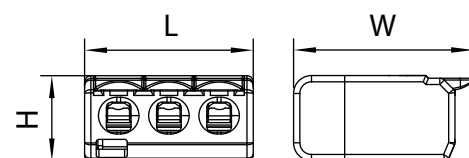
mm<sup>2</sup>

L (mm)

W (mm)

H (mm)

|        |               |      |      |   |
|--------|---------------|------|------|---|
| RVONK2 | 2 × 0.2 - 2.5 | 11   | 16.8 | 9 |
| RVONK3 | 3 × 0.2 - 2.5 | 15.2 | 16.8 | 9 |
| RVONK5 | 5 × 0.2 - 2.5 | 25.5 | 16.8 | 9 |
| RVONK8 | 8 × 0.2 - 2.5 | 38.1 | 16.8 | 9 |



RVONK5



RVONK3



RVONK2

## Łączniki bezśrubowe, otwierane, przeźroczyste



RVOGB3



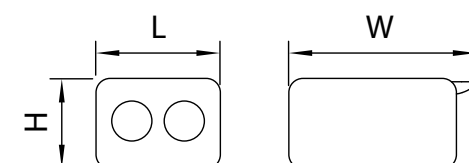
RVOGB2



TRACON

mm<sup>2</sup>L  
(mm)W  
(mm)H  
(mm)

|        |                 |      |      |      |
|--------|-----------------|------|------|------|
| RVOG2  | 2 × 0.2-4 (2.5) | 13.2 | 20.1 | 9.2  |
| RVOG3  | 3 × 0.2-4 (2.5) | 18.8 | 20.1 | 9.2  |
| RVOG5  | 5 × 0.2-4 (2.5) | 30.3 | 20.1 | 9.2  |
| RVOGB2 | 2 × 0.5-6 (4)   | 15.9 | 23.3 | 10.9 |
| RVOGB3 | 3 × 0.5-6 (4)   | 23.2 | 23.3 | 10.9 |



RVOG5



RVOG3



RVOG2

Łączniki bezśrubowe, otwierane

| TRACON    |  mm <sup>2</sup> | L (mm) | W (mm) | H (mm) |
|-----------|---------------------------------------------------------------------------------------------------|--------|--------|--------|
| OV02,5-2  | 2 × 0.5-4                                                                                         | 12.4   | 20.5   | 14.5   |
| OV02,5-3  | 3 × 0.5-4                                                                                         | 17     | 20.5   | 14.5   |
| OV02,5-5  | 5 × 0.5-4                                                                                         | 26.6   | 20.5   | 14.5   |
| OV0T2,5-2 | 2 × 0.5-4                                                                                         | 12.4   | 20.5   | 14.5   |
| OV0T2,5-3 | 3 × 0.5-4                                                                                         | 17     | 20.5   | 14.5   |
| OV0T2,5-5 | 5 × 0.5-4                                                                                         | 26.6   | 20.5   | 14.5   |

400  
V AC

  $U_i$   
600 V

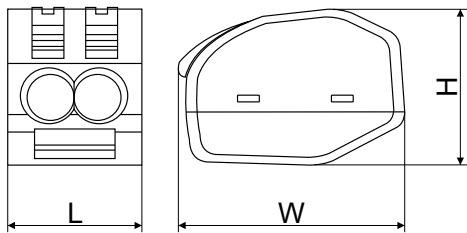
 E-Cu-Sn

 PA6.6

$I_n$   
max.  
32 A

$T_a$   
  
-10..+55 °C

IP  
20



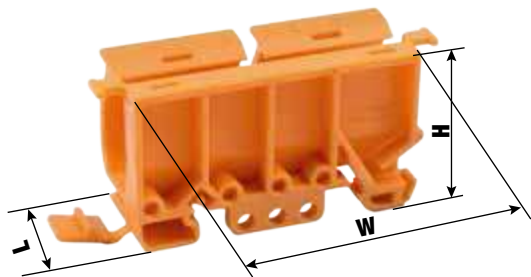
OV0...



OV0T...

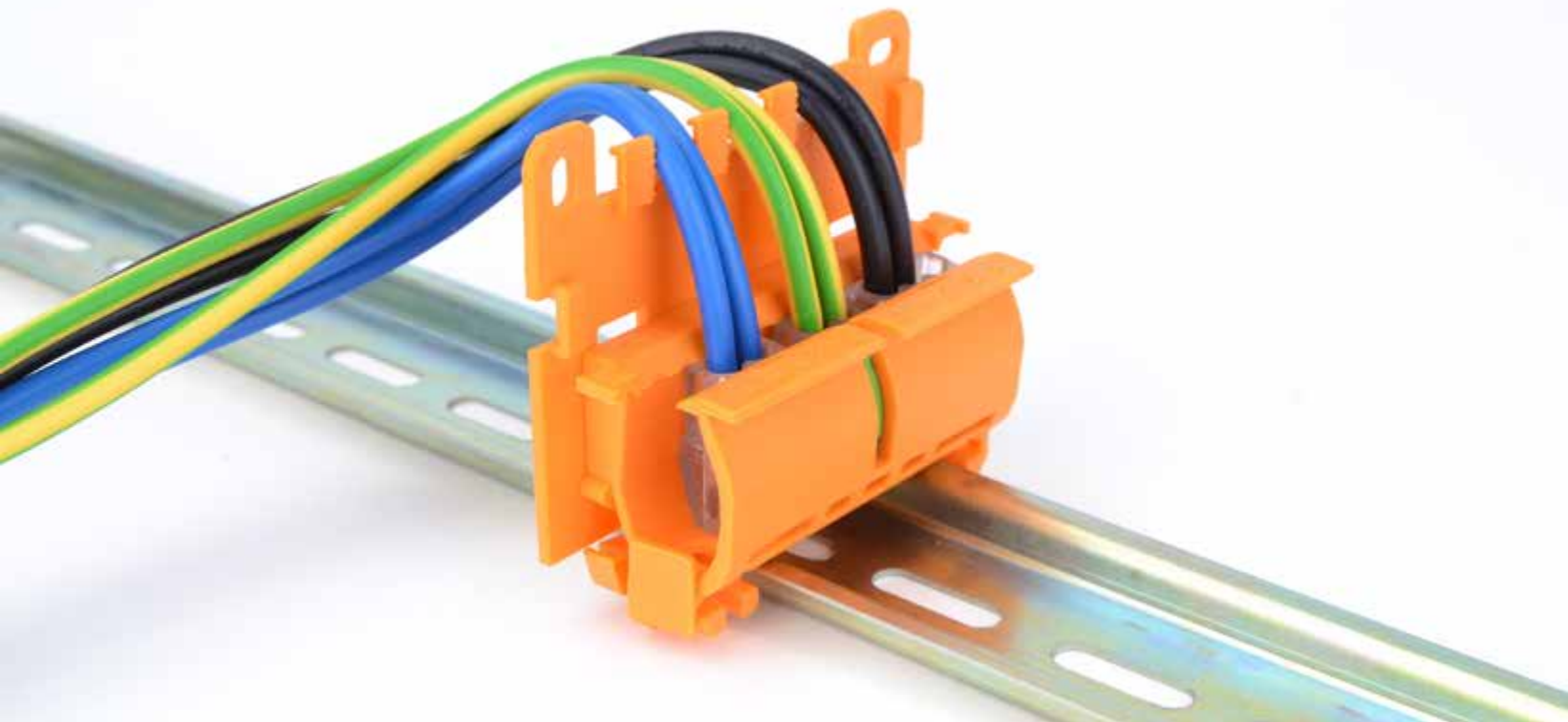
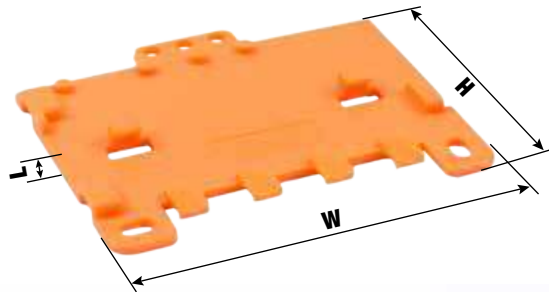
Adapter szynowy do łączników otwieranych OV0

| TRACON | L (mm) | W (mm) | H (mm) |
|--------|--------|--------|--------|
| OV0-A1 | 23     | 66     | 31     |

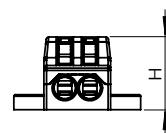
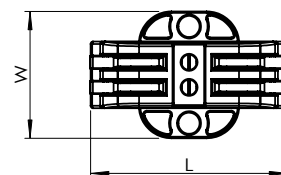
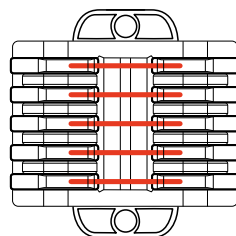
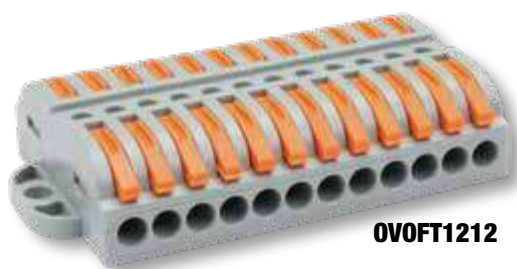


Ścianka tylna adaptera łączników otwieranych OV0

| TRACON | L (mm) | W (mm) | H (mm) |
|--------|--------|--------|--------|
| OV0-A2 | 5      | 67     | 52     |

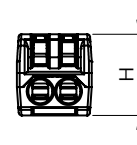
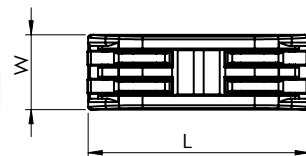
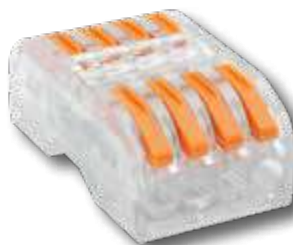


## Łączniki bezśrubowe do montażu powierzchniowego, otwierane

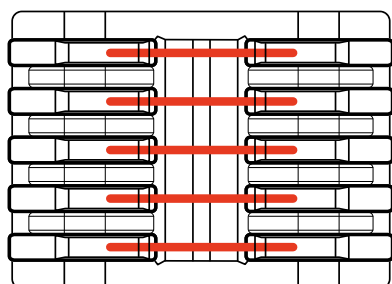


| TRACON    | mm <sup>2</sup> | L (mm) | W (mm) | H (mm) |
|-----------|-----------------|--------|--------|--------|
| OV0FT22   | 4 × 0.5-4       | 39.3   | 25.3   | 14.5   |
| OV0FT33   | 6 × 0.5-4       | 39.3   | 30.3   | 14.5   |
| OV0FT44   | 8 × 0.5-4       | 39.3   | 35.3   | 14.5   |
| OV0FT55   | 10 × 0.5-4      | 39.3   | 40.3   | 14.5   |
| OV0FT66   | 12 × 0.5-4      | 39.3   | 45.3   | 14.5   |
| OV0FT88   | 16 × 0.5-4      | 39.3   | 55.3   | 14.5   |
| OV0FT1010 | 20 × 0.5-4      | 39.3   | 65.6   | 14.5   |
| OV0FT1212 | 24 × 0.5-4      | 39.3   | 75.3   | 14.5   |

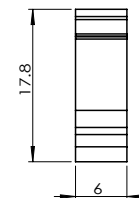
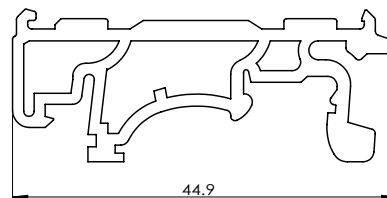
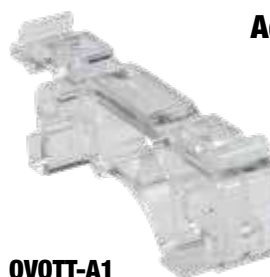
## Łączniki bezśrubowe, otwierane, przezroczyste



| TRACON  | mm <sup>2</sup> | L (mm) | W (mm) | H (mm) |
|---------|-----------------|--------|--------|--------|
| OV0TT11 | 2 × 0.5-4       | 39.3   | 9.1    | 14.5   |
| OV0TT22 | 4 × 0.5-4       | 39.3   | 13.3   | 14.5   |
| OV0TT33 | 6 × 0.5-4       | 39.3   | 18.3   | 14.5   |
| OV0TT44 | 8 × 0.5-4       | 39.3   | 23.2   | 14.5   |
| OV0TT55 | 10 × 0.5-4      | 39.3   | 28.1   | 14.5   |



## Adapter do mocowania łączników na szynie

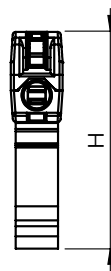
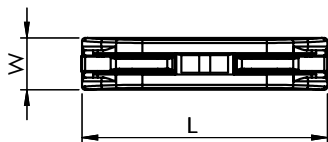




## Łącznik bezśrubowy montowany na szynie

|                                                                                                 |                                                                                                         |                                                                                                         |                                                                                      |                                                                                           |                                                                                            |
|-------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
|  $U_i$<br>450 V |  $T_a$<br>-10...+55 °C |  $I_n$<br>max.<br>32 A |  PC |  E-Cu-Ni |  IP<br>20 |
|-------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|

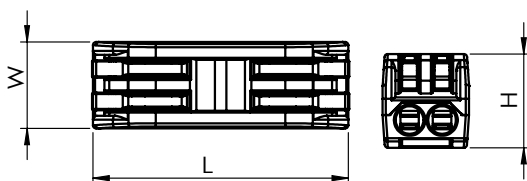
| TRACON  |  mm <sup>2</sup> | L (mm) | W (mm) | H (mm) |
|---------|---------------------------------------------------------------------------------------------------|--------|--------|--------|
| OV0KT11 | 2 × 0.5-4                                                                                         | 43     | 8      | 30.4   |



## Łączniki bezśrubowe, otwierane, przezroczyste

|                                                                                                 |                                                                                           |                                                                                      |                                                                                                         |                                                                                                          |                                                                                            |
|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
|  $U_i$<br>450 V |  E-Cu-Ni |  PC |  $I_n$<br>max.<br>32 A |  $T_a$<br>-40...+105 °C |  IP<br>20 |
|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|

| TRACON   |  mm <sup>2</sup> | L (mm) | W (mm) | H (mm) |
|----------|---------------------------------------------------------------------------------------------------|--------|--------|--------|
| RV0GTT11 | 2 × 0.5-4(2.5)                                                                                    | 39.3   | 10     | 8.3    |
| RV0GTT22 | 4 × 0.5-4(2.5)                                                                                    | 39.3   | 10     | 14.9   |
| RV0GTT33 | 6 × 0.5-4(2.5)                                                                                    | 39.3   | 10     | 22.9   |



RV0GTT11



RV0GTT22

RV0GTT33

## Wielobiegunowe łączniki bezśrubowe, otwierane

|                                                                                                   |                                                                                                           |                                                                                                           |                                                                                        |                                                                                             |                                                                                              |
|---------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
|  $U_i$<br>450 V |  $T_a$<br>-10...+55 °C |  $I_n$<br>max.<br>32 A |  PC |  E-Cu-Ni |  IP<br>20 |
|---------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|

| TRACON  |  mm <sup>2</sup> | L (mm) | W (mm) | H (mm) |
|---------|-----------------------------------------------------------------------------------------------------|--------|--------|--------|
| OV02P24 | 6 × 0.5-4                                                                                           | 39.3   | 23.3   | 15.5   |
| OV02P26 | 8 × 0.5-4                                                                                           | 39.3   | 33.3   | 15.5   |
| OV03P36 | 9 × 0.5-4                                                                                           | 39.3   | 33.3   | 15.5   |
| OV03P39 | 12 × 0.5-4                                                                                          | 39.3   | 48.3   | 15.5   |



OV02P24



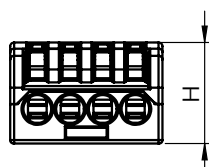
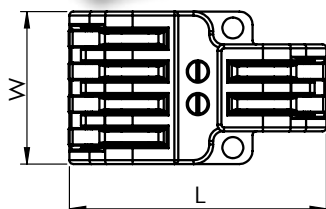
OV02P26



OV03P36



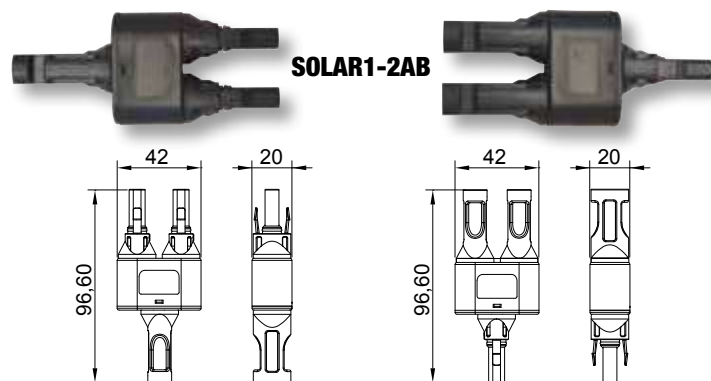
OV03P39



## Złączki do paneli solarnych

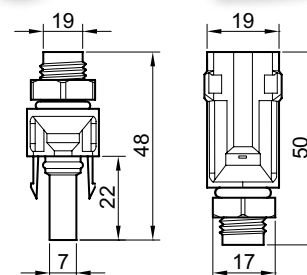


| TRACON             | In   | mm²         | IP..  |
|--------------------|------|-------------|-------|
| <b>SOLAR11-4AB</b> | 45 A | 2,5-4-6 mm² | IP 68 |
| <b>SOLAR11-4N</b>  | 45 A | 2,5-4-6 mm² | IP 68 |
| <b>SOLAR1-2AB</b>  | 25 A | —           | IP 65 |

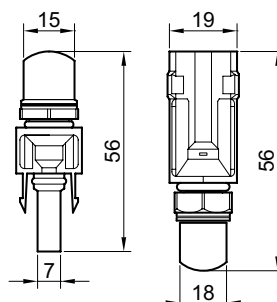


RELEVANT STANDARD  
**EN 50521**

RELEVANT STANDARD  
**IEC 61646**



gniazdo do panelu



wtyk do gniazda



SOLAR11-4AB

Panele solarne zazwyczaj posiadają przygotowane zakończenia kablowe, co umożliwia łatwy montaż. Od modułu solarnego należy przygotować okablowanie dla prądu stałego do inwertera bezpośrednio lub do rozdzielnic przed inwerterem. Wykonanie dławkowe (z pełnym dławieniem IP68) wraz z nakrętką. Można zaciskać za pomocą zaciskarki. Dostępne są tylko w parach.



Praska ręczna do złączek do paneli solarnych

SOLAR11-PT

B/4

## Złączki przelotowe

| TRACON     |  mm <sup>2</sup>                                                                     | In      | OUT    | L<br>(mm) | W<br>(mm) | H<br>(mm) |    |    |
|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------|-----------|-----------|-----------|----|----|
| FFE35-50   |   | 35-50   | 25-35  | 10-50     | 6-35      | 30        | 50 |    |
| FFE50-70   |                                                                                                                                                                         | 50-70   | 35-50  | 25-70     | 10-35     | 35        | 55 |    |
| FFE70-95   |                                                                                                                                                                         | 70-95   | 50-70  | 25-90     | 10-70     | 70        | 40 | 60 |
| FFE150-185 |                                                                                                                                                                         | 150-185 | 95-150 | 35-185    | 10-150    | 75        | 45 | 65 |

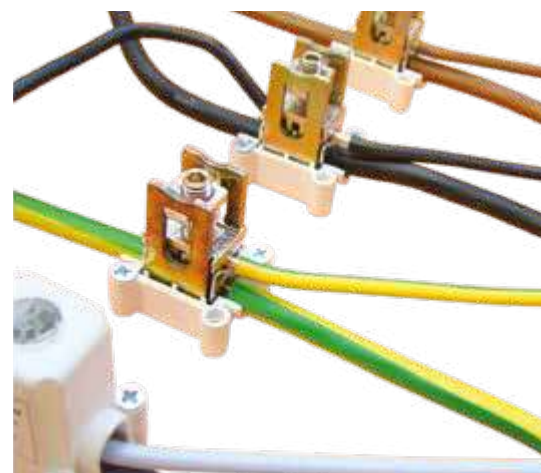


400  
V AC

IP  
20

500 V

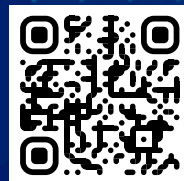
Ta  
-10...+55 °C



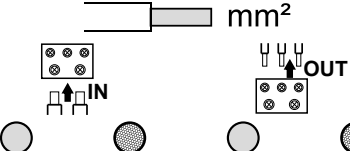
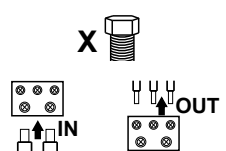
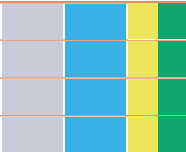
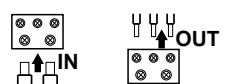
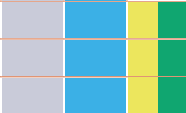
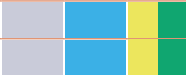
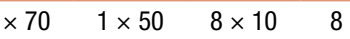
RELEVANT STANDARD  
**EN 60999**



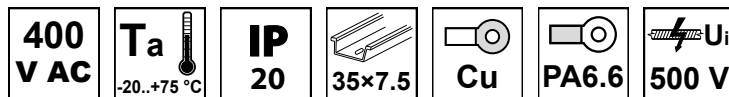
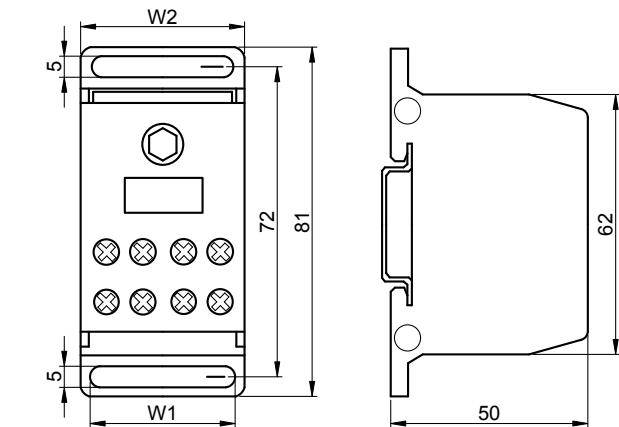
## **ZŁĄCZKI KOMPAKTOWE OBWODU ZASILAJĄCEGO**



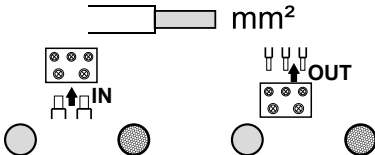
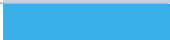
## Złączki odgałęźne na szynę, multicolor

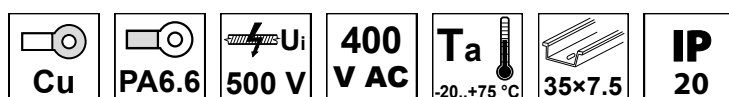
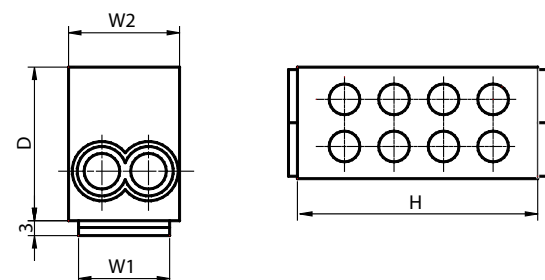
| TRACON            |  |  | $\text{mm}^2$               | $I_n$ |  | W1 (mm) | W2 (mm) |
|-------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------|-------|-------------------------------------------------------------------------------------|---------|---------|
| <b>FLS35/4X9</b>  |  |  | 1 × 35 1 × 25 9 × 4 9 × 2.5 | 125 A |  | 16.3    | 20.4    |
| <b>FLS35/10X4</b> |  |  | 1 × 35 1 × 25 4 × 10 4 × 6  | 125 A |  | 16.3    | 20.4    |
| <b>FLS50/16X4</b> |  |  | 1 × 50 1 × 35 4 × 16 4 × 10 | 150 A |  | 24.2    | 28.2    |
| <b>FLS70/10X8</b> |  |  | 1 × 70 1 × 50 8 × 10 8 × 6  | 192 A |  | 32.2    | 36.1    |

Akcesoria: wymienne kolorowe płytki.

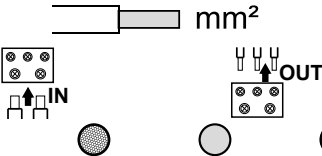
RELEVANT STANDARD  
EN 60998-1

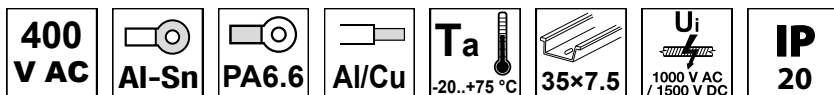
## Złączki kompaktowe na szynę

| TRACON             |  |  | $\text{mm}^2$               | $I_n$ | W1 (mm) | W2 (mm) | D (mm) | H (mm) |
|--------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------|-------|---------|---------|--------|--------|
| <b>FLE-16</b>      |  |  | 2 × 16 2 × 10 2 × 16 2 × 10 | 76 A  | 22.2    | 27.4    | 39.5   | 43.1   |
| <b>FLE-16K</b>     |  |  | 2 × 16 2 × 10 2 × 16 2 × 10 | 76 A  | 22.2    | 27.4    | 39.5   | 43.1   |
| <b>FLE-16ZS</b>    |  |  | 2 × 16 2 × 10 2 × 16 2 × 10 | 76 A  | 22.2    | 27.4    | 39.5   | 43.1   |
| <b>FLE-25</b>      |  |  | 2 × 25 2 × 16 2 × 25 2 × 16 | 101 A | 22.2    | 27.4    | 39.5   | 43.1   |
| <b>FLE-25K</b>     |  |  | 2 × 25 2 × 16 2 × 25 2 × 16 | 101 A | 22.2    | 27.4    | 39.5   | 43.1   |
| <b>FLE-25ZS</b>    |  |  | 2 × 25 2 × 16 2 × 25 2 × 16 | 101 A | 22.2    | 27.4    | 39.5   | 43.1   |
| <b>FLE-35/25</b>   |  |  | 1 × 35 1 × 25 1 × 35 1 × 25 | 125 A | 20      | 26.9    | 43.6   | 53     |
| <b>FLE-35/25K</b>  |  |  | 1 × 35 1 × 25 1 × 35 1 × 25 | 125 A | 20      | 26.9    | 43.6   | 53     |
| <b>FLE-35/25ZS</b> |  |  | 1 × 35 1 × 25 1 × 35 1 × 25 | 125 A | 20      | 26.9    | 43.6   | 53     |



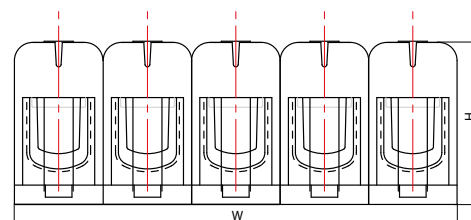
**Złączki kompaktowe na szynę**

| TRACON        |    |  | $\text{mm}^2$ | $I_n$ | $\times P$ | W<br>(mm) | L<br>(mm) | H<br>(mm) | X<br> |
|---------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|---------------|-------|------------|-----------|-----------|-----------|------------------------------------------------------------------------------------------|
| FLEAL-16/1    |    |  |               | 85 A  |            | 43,5      | 13,9      |           | 2 × M5                                                                                   |
| FLEAL-16/1K   |    | 1 × 25    1 × 16    1 × 25    1 × 16                                              |               |       |            |           |           |           |                                                                                          |
| FLEAL-16/1ZS  |    |                                                                                   |               |       |            |           |           |           |                                                                                          |
| FLEAL-16/2    |    |                                                                                   |               |       |            |           |           |           |                                                                                          |
| FLEAL-16/2/K  |    |                                                                                   |               | 120 A | 1P         | 47,4      | 23,7      |           | 4 × M5                                                                                   |
| FLEAL-16/2/ZS |    | 2 × 25    2 × 16    2 × 25    2 × 16                                              |               |       |            |           |           |           |                                                                                          |
| FLEAL-16/2KZS |    |                                                                                   |               |       |            |           |           |           |                                                                                          |
| FLEAL-35/1    |    |                                                                                   |               |       |            |           |           |           |                                                                                          |
| FLEAL-35/1K   |    | 1 × 50    1 × 35    1 × 50    1 × 35                                              |               | 160 A | 3P         | 50,3      | 49        | 43,5      | 6 × M5                                                                                   |
| FLEAL-35/1ZS  |    |                                                                                   |               |       |            |           |           |           |                                                                                          |
| FLEAL-35/2    |    |                                                                                   |               |       |            |           |           |           |                                                                                          |
| FLEAL-35/2/K  |    | 2 × 50    2 × 35    2 × 50    2 × 35                                              |               |       |            |           |           |           |                                                                                          |
| FLEAL-35/2/ZS |    |                                                                                   |               | 160 A | 1P         | 31.1      | 51        | 43.7      | 4 × M5                                                                                   |
| FLEAL-35/2KZS |    |                                                                                   |               |       |            |           |           |           |                                                                                          |
| FLEAL-50/1X3  |   | 3 × 70    3 × 50    3 × 70    3 × 50                                              |               |       |            |           |           |           |                                                                                          |
| FLEAL-50/1    |  |                                                                                   |               |       |            |           |           |           |                                                                                          |
| FLEAL-50/1K   |  | 1 × 50    1 × 35    1 × 50    1 × 35                                              |               | 42.3  |            |           |           |           | 6 × M5                                                                                   |
| FLEAL-50/1ZS  |  |                                                                                   |               |       |            |           |           |           |                                                                                          |
| FLEAL-50/2    |  |                                                                                   |               |       |            |           |           |           |                                                                                          |
| FLEAL-50/2K   |  | 2 × 50    2 × 35    2 × 50    2 × 35                                              |               |       |            |           |           |           |                                                                                          |
| FLEAL-50/2ZS  |  |                                                                                   |               |       |            |           |           |           |                                                                                          |
| FLEAL-50/2KZS |  |                                                                                   |               |       |            |           |           |           |                                                                                          |
| FLEAL-50/3    |  |                                                                                   |               |       |            |           |           |           |                                                                                          |
| FLEAL-50/3K   |  | 3 × 50    3 × 35    3 × 50    3 × 35                                              |               |       |            |           |           |           |                                                                                          |
| FLEAL-50/3ZS  |  |                                                                                   |               |       |            |           |           |           |                                                                                          |

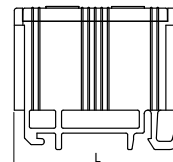

**FLEAL-50/1**

**FLEAL-50/2K**

**FLEAL-50/3K**

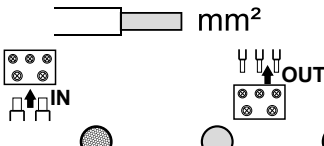
**FLEAL-50/3ZS**

**FLEAL-16/2KZS**

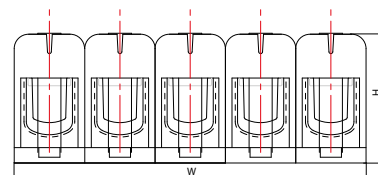
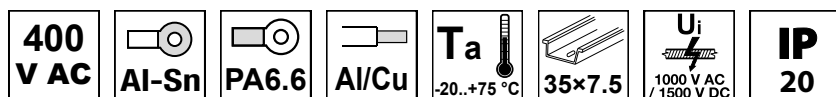
**FLEAL-50/2KZS**

**FLEAL-16/1ZS**




## Złączki kompaktowe na płytę montażową

| TRACON         |  |  | $\text{mm}^2$                                                                     | $I_n$                                                                             |  | W<br>(mm) | L<br>(mm) | H<br>(mm) | X<br> |      |        |
|----------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------|-----------|-----------|------------------------------------------------------------------------------------------|------|--------|
| FLEAL-240/1    |  |  |  |  |    |           |           |           |                                                                                          |      |        |
| FLEAL-240/1K   |  | 1 × 240                                                                           | 1 × 185                                                                           | 1 × 240                                                                           | 1 × 185                                                                             | 36.6      |           |           | 2 × M8                                                                                   |      |        |
| FLEAL-240/1ZS  |  |                                                                                   |                                                                                   |                                                                                   |                                                                                     |           |           |           |                                                                                          |      |        |
| FLEAL-240/2    |  |                                                                                   |                                                                                   |                                                                                   |                                                                                     |           |           |           |                                                                                          |      |        |
| FLEAL-240/2K   |  | 2 × 240                                                                           | 2 × 185                                                                           | 2 × 240                                                                           | 2 × 185                                                                             | 425 A     | 1P        | 63.4      | 130.6                                                                                    | 67.2 | 4 × M8 |
| FLEAL-240/2ZS  |  |                                                                                   |                                                                                   |                                                                                   |                                                                                     |           |           |           |                                                                                          |      |        |
| FLEAL-240/2KZS |  |                                                                                   |                                                                                   |                                                                                   |                                                                                     |           |           |           |                                                                                          |      |        |
| FLEAL-240/3    |  |                                                                                   |                                                                                   |                                                                                   |                                                                                     |           |           |           |                                                                                          |      |        |
| FLEAL-240/3K   |  | 3 × 240                                                                           | 3 × 185                                                                           | 3 × 240                                                                           | 3 × 185                                                                             | 93        |           |           |                                                                                          |      | 6 × M8 |
| FLEAL-240/3ZS  |  |                                                                                   |                                                                                   |                                                                                   |                                                                                     |           |           |           |                                                                                          |      |        |



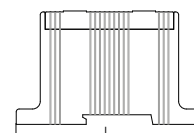
FLEAL-240/1



FLEAL-240/2K



FLEAL-240/3ZS



FLEAL-240/1ZS



FLEAL-240/3



FLEAL-240/3K





**Złączki kompaktowe na szynę i płytę montażową**

| TRACON                |  | $\text{mm}^2$                            | $I_n$ | $\times P$ | W (mm) | L (mm) | H (mm) | X       |
|-----------------------|--|------------------------------------------|-------|------------|--------|--------|--------|---------|
| <b>FLEAL-35</b>       |  | 5 × 35    5 × 25    5 × 35    5 × 25     | 135 A | 5P         | 80     | 45.2   | 40.2   | 10 × M4 |
| <b>FLEAL-95/1</b>     |  |                                          |       |            |        |        |        |         |
| <b>FLEAL-95/1K</b>    |  | 1 95    1 × 70    1 × 95    1 × 70       |       |            | 23.7   |        |        | 2 × M5  |
| <b>FLEAL-95/1ZS</b>   |  |                                          |       |            |        |        |        |         |
| <b>FLEAL-95/2</b>     |  |                                          |       |            |        |        |        |         |
| <b>FLEAL-95/2K</b>    |  | 2 × 95    2 × 70    2 × 95    2 × 70     | 245 A |            | 41.6   | 89.1   | 49.6   | 4 × M5  |
| <b>FLEAL-95/2ZS</b>   |  |                                          |       |            |        |        |        |         |
| <b>FLEAL-95/2KZS</b>  |  |                                          |       |            |        |        |        |         |
| <b>FLEAL-95/3</b>     |  |                                          |       |            |        |        |        |         |
| <b>FLEAL-95/3K</b>    |  | 3 × 95    3 × 70    3 × 95    3 × 70     |       |            | 60.9   |        |        | 6 × M5  |
| <b>FLEAL-95/3ZS</b>   |  |                                          |       | 1P         |        |        |        |         |
| <b>FLEAL-150/1</b>    |  |                                          |       |            |        |        |        |         |
| <b>FLEAL-150/1K</b>   |  | 1 × 150    1 × 120    1 × 150    1 × 120 |       |            | 28.9   |        |        | 2 × M8  |
| <b>FLEAL-150/1ZS</b>  |  |                                          |       |            |        |        |        |         |
| <b>FLEAL-150/2</b>    |  |                                          |       |            |        |        |        |         |
| <b>FLEAL-150/2K</b>   |  | 2 × 150    2 × 120    2 × 150    2 × 120 | 320 A |            | 50.9   | 96.6   | 59.2   | 4 × M8  |
| <b>FLEAL-150/2ZS</b>  |  |                                          |       |            |        |        |        |         |
| <b>FLEAL-150/2KZS</b> |  |                                          |       |            |        |        |        |         |
| <b>FLEAL-150/3</b>    |  |                                          |       |            |        |        |        |         |
| <b>FLEAL-150/3K</b>   |  | 3 × 150    3 × 120    3 × 150    3 × 120 |       |            | 72.8   |        |        | 6 × M8  |
| <b>FLEAL-150/3ZS</b>  |  |                                          |       |            |        |        |        |         |

**400 V AC**
**Al-Sn**
**Al/Cu**
**T<sub>a</sub>**  
-20...+75 °C

**PA6.6**
**35×7.5**
**IP 20**

**FLEAL-35**

**FLEAL-95/1, FLEAL-150/1**

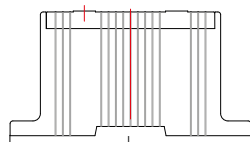
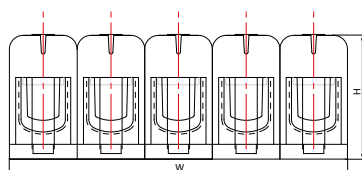
**FLEAL-95/1K, FLEAL-150/1K**

**FLEAL-95/1ZS, FLEAL-150/1ZS**

**FLEAL-150/2KZS**

**FLEAL-95/2, FLEAL-150/2**

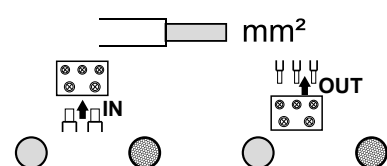
**FLEAL-95/2K, FLEAL-150/2K**

**FLEAL-95/2ZS, FLEAL-150/2ZS**

**FLEAL-95/3, FLEAL-150/3**

**FLEAL-95/3K, FLEAL-150/3K**

**FLEAL-95/3ZS, FLEAL-150/3ZS**

## Złączki kompaktowe na szynę

| TRAICON                |  |  |  |  |     | In    |  | W<br>(mm) | L<br>(mm) | H<br>(mm)   | X  |
|------------------------|--|--|--|--|--------------------------------------------------------------------------------------|-------|------------------------------------------------------------------------------------|-----------|-----------|-------------|---------------------------------------------------------------------------------------|
| <b>FLECU-25-16-2</b>   |  |  |  |  |    | 101 A | 21.3 mm                                                                            | 43.9 mm   | 40 mm     | 2×M6 ; 2×M5 |                                                                                       |
| <b>FLECU-25-16-2B</b>  |  |  |  |  |                                                                                      |       |                                                                                    |           |           |             |                                                                                       |
| <b>FLECU-25-16-2F</b>  |  |  |  |  |                                                                                      |       |                                                                                    |           |           |             |                                                                                       |
| <b>FLECU-25-16-2K</b>  |  |  |  |  |                                                                                      |       |                                                                                    |           |           |             |                                                                                       |
| <b>FLECU-25-16-2P</b>  |  |  |  |  |                                                                                      |       |                                                                                    |           |           |             |                                                                                       |
| <b>FLECU-25-16-2ZS</b> |  |  |  |  |                                                                                      |       |                                                                                    |           |           |             |                                                                                       |
| <b>FLECU-25-16-3</b>   |  |  |  |  |    | 101 A | 27.2 mm                                                                            | 43.9 mm   | 40 mm     | 2×M6 ; 4×M5 |                                                                                       |
| <b>FLECU-25-16-3B</b>  |  |  |  |  |                                                                                      |       |                                                                                    |           |           |             |                                                                                       |
| <b>FLECU-25-16-3F</b>  |  |  |  |  |                                                                                      |       |                                                                                    |           |           |             |                                                                                       |
| <b>FLECU-25-16-3K</b>  |  |  |  |  |                                                                                      |       |                                                                                    |           |           |             |                                                                                       |
| <b>FLECU-25-16-3ZS</b> |  |  |  |  |                                                                                      |       |                                                                                    |           |           |             |                                                                                       |
| <b>FLECU-25-16-4</b>   |  |  |  |  |   | 101 A | 36.5 mm                                                                            | 43.9 mm   | 40 mm     | 2×M6 ; 6×M5 |                                                                                       |
| <b>FLECU-25-16-4B</b>  |  |  |  |  |                                                                                      |       |                                                                                    |           |           |             |                                                                                       |
| <b>FLECU-25-16-4F</b>  |  |  |  |  |                                                                                      |       |                                                                                    |           |           |             |                                                                                       |
| <b>FLECU-25-16-4K</b>  |  |  |  |  |                                                                                      |       |                                                                                    |           |           |             |                                                                                       |
| <b>FLECU-25-16-4ZS</b> |  |  |  |  |                                                                                      |       |                                                                                    |           |           |             |                                                                                       |
| <b>FLECU-25-25-2</b>   |  |  |  |  |  | 101 A | 21.3 mm                                                                            | 43.9 mm   | 41.2 mm   | 4×M6        |                                                                                       |
| <b>FLECU-25-25-2B</b>  |  |  |  |  |                                                                                      |       |                                                                                    |           |           |             |                                                                                       |
| <b>FLECU-25-25-2F</b>  |  |  |  |  |                                                                                      |       |                                                                                    |           |           |             |                                                                                       |
| <b>FLECU-25-25-2K</b>  |  |  |  |  |                                                                                      |       |                                                                                    |           |           |             |                                                                                       |
| <b>FLECU-25-25-2ZS</b> |  |  |  |  |                                                                                      |       |                                                                                    |           |           |             |                                                                                       |



FLECU-25-16-2



FLECU-25-16-3



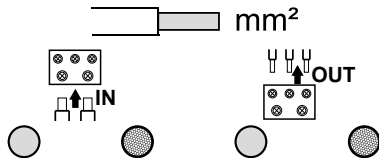
FLECU-25-16-4



FLECU-25-25-2



**Złączki kompaktowe na szynę**

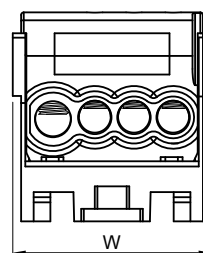
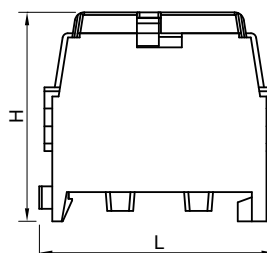
| TRACON                                                                                                                    |  |      |      |      | $I_n$ |   | W<br>(mm) | L<br>(mm) | H<br>(mm) | X  |
|---------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------|------|------|-------|------------------------------------------------------------------------------------|-----------|-----------|-----------|---------------------------------------------------------------------------------------|
| <b>FLECU-35-25-2</b><br><b>FLECU-35-25-2B</b><br><b>FLECU-35-25-2F</b><br><b>FLECU-35-25-2K</b><br><b>FLECU-35-25-2ZS</b> | 2×35                                                                              | 2×25 | 2×25 | 2×16 | 125 A |  | 24.5 mm   | 54.8 mm   | 42.7 mm   | 2×M8 ; 2×M6                                                                           |
| <b>FLECU-35-25-3</b><br><b>FLECU-35-25-3B</b><br><b>FLECU-35-25-3F</b><br><b>FLECU-35-25-3K</b><br><b>FLECU-35-25-3ZS</b> | 2×35                                                                              | 2×25 | 4×25 | 4×16 | 125 A |  | 34.2 mm   | 54.8 mm   | 42.7 mm   | 2×M8 ; 4×M6                                                                           |
| <b>FLECU-35-25-4</b><br><b>FLECU-35-25-4B</b><br><b>FLECU-35-25-4F</b><br><b>FLECU-35-25-4K</b><br><b>FLECU-35-25-4ZS</b> | 2×35                                                                              | 2×25 | 6×25 | 6×16 | 125 A |  | 43.8 mm   | 54.8 mm   | 42.7 mm   | 2×M8 ; 6×M6                                                                           |


**FLECU-35-25-2**

**FLECU-35-25-3**

**FLECU-35-25-4**


|             |                                                                                                              |                                                                                             |                                                                                             |                                                                                              |                                                                                             |                 |
|-------------|--------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-----------------|
| 400<br>V AC |  $U_i$<br>1000 V<br>AC/DC |  PA6.6 |  Cu-Sn |  35×7.5 |  Al/Cu | <b>IP</b><br>20 |
|-------------|--------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-----------------|


**TICS**  
G/20

## Złączki rozgałęźne z otwieraną pokrywą

| TRACON           | xP | mm <sup>2</sup> | IN    | OUT   | Ui    | In            | IN    | OUT     |         |
|------------------|----|-----------------|-------|-------|-------|---------------|-------|---------|---------|
| <b>FLS016</b>    |    | 3×16            | 3×16  | 4×10  | 4×6   |               | 80 A  | 3×M6    | 4×M4    |
| <b>FLS050</b>    | 1P | 1×50            | 1×35  | 6×25  | 6×16  | 1.000 V AC/DC | 125 A | 1×M12   | 6×M6    |
| <b>FLS070</b>    |    | 1×70            | 1×50  | 6×25  | 6×16  |               | 160 A | 1×M14   | 6×M6    |
| <b>FLS070-10</b> |    | 1×70            | 1×50  | 10×16 | 10×16 | 690 V AC/DC   | 175 A | 1 × M14 | 10 × M6 |
| <b>FLS0120</b>   | 1P | 1×120           | 1×95  | 2×35  | 2×25  | 1.000 V AC/DC | 250 A | 1×M16   | 2×M10   |
|                  |    |                 |       | 5×25  | 5×16  |               |       |         | 5×M6    |
|                  |    |                 |       | 4×16  | 4×10  |               |       |         | 4×M8    |
| <b>FLS0150</b>   | 1P | 1×150           | 1×120 | 2×35  | 2×25  | 1.000 V AC/DC | 400 A | 1×M20   | 2×M10   |
|                  |    |                 |       | 5×25  | 5×16  |               |       |         | 5×M6    |
|                  |    |                 |       | 4×16  | 4×10  |               |       |         | 4×M8    |
| <b>FLS08X25</b>  | 1P | (mm)<br>(8×25)  | –     | 2×35  | 2×25  | 1.000 V AC/DC | 500 A | 2×M8    | 2×M10   |
|                  |    |                 |       | 5×25  | 5×16  |               |       |         | 5×M6    |
|                  |    |                 |       | 4×16  | 4×10  |               |       |         | 4×M8    |
| <b>FLS050-3P</b> | 3P | 1×50            | 1×35  | 6×16  | 6×10  | 690 V AC/DC   | 175 A | M10     | 6×M6    |
|                  |    |                 |       | 6×16  | 6×10  |               |       |         |         |
| <b>FLS035-4P</b> | 4P | 1×35            | 1×25  | 5×10  | 5×6   | 690 V AC/DC   | 125 A | M5      | 5×M4    |
|                  |    |                 |       | 2×25  | 2×16  |               |       |         | 2×M5    |
|                  |    | 1×35            | 1×25  | 5×10  | 5×6   |               |       | M5      | 5×M4    |
|                  |    |                 |       | 2×25  | 2×16  |               |       |         | 2×M5    |
|                  |    | 1×35            | 1×25  | 5×10  | 5×6   |               |       | M5      | 5×M4    |
|                  |    |                 |       | 2×25  | 2×16  |               |       |         | 2×M5    |
|                  |    | 1×35            | 1×25  | 6×25  | 6×16  |               |       | M5      | 6×M5    |
|                  |    |                 |       | 4×16  | 4×10  |               |       |         | 4×M5    |

Cu-Sn

Cu

RELEVANT STANDARD  
IEC 60947-7-1



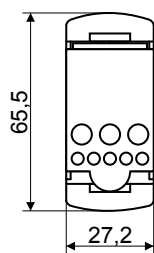
PA6.6

400  
V AC

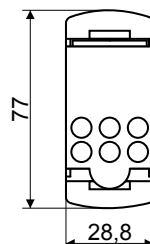
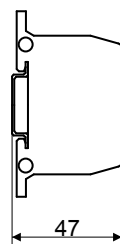
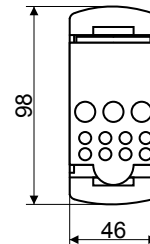
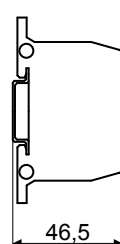
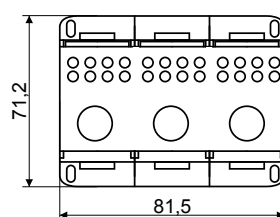
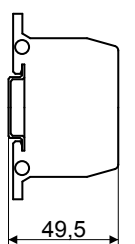
IP  
20

35×7.5

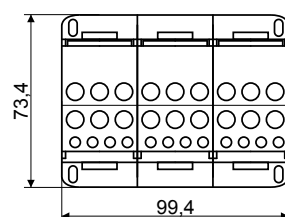
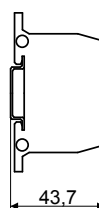
Ta  
-20...+75 °C



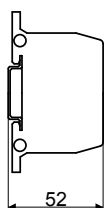
FLS016

FLS050  
FLS070FLS0120  
FLS0150  
FLS08X25

FLS050-3P



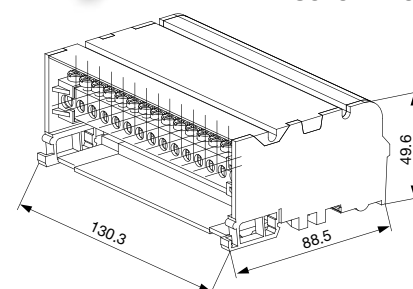
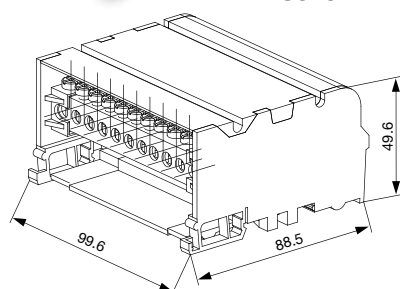
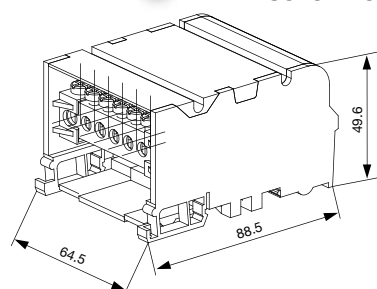
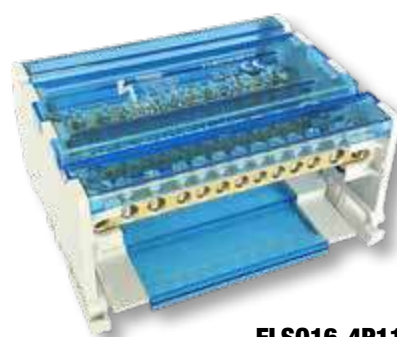
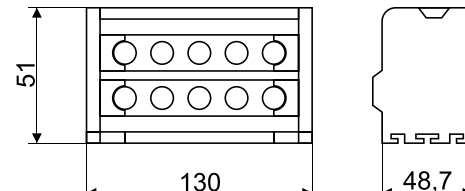
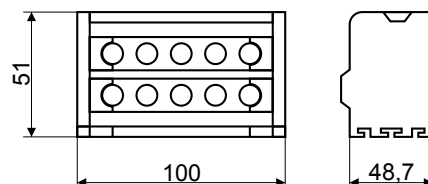
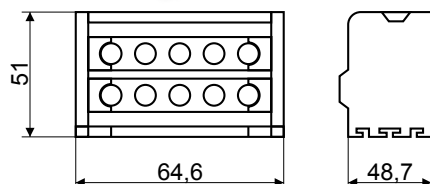
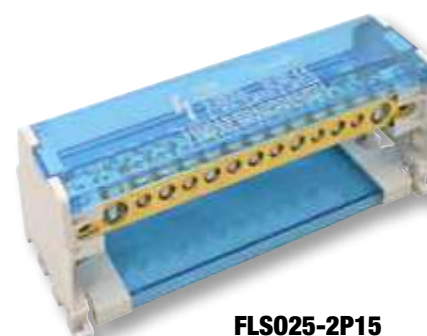
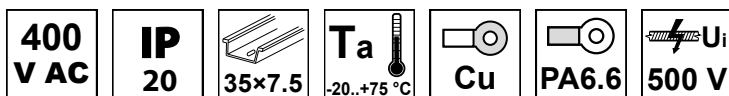
FLS035-4P





## Bloki rozdzielcze z otwieraną pokrywą

| TRACON             | xP | mm <sup>2</sup> | mm <sup>2</sup> | mm <sup>2</sup> | mm <sup>2</sup> | In    | x    | mm <sup>2</sup> |
|--------------------|----|-----------------|-----------------|-----------------|-----------------|-------|------|-----------------|
|                    |    | IN              | OUT             | IN              | OUT             |       | IN   | OUT             |
| <b>FLS025-2P7</b>  | 2P | 1×25            | 1×25            | 3×10            | 3×6             | 100 A | M5   | 3×M4            |
|                    |    |                 |                 | 3×16            | 3×10            |       |      | 3×M5            |
| <b>FLS025-2P11</b> | 2P | 2×25            | 2×25            | 4×10            | 4×6             | 100 A | M5   | 4×M4            |
|                    |    |                 |                 | 5×16            | 5×10            |       |      | 5×M5            |
| <b>FLS025-2P15</b> | 2P | 2×25            | 2×25            | 6×10            | 6×6             | 100 A | M5   | 6×M4            |
|                    |    |                 |                 | 7×16            | 7×10            |       |      | 7×M5            |
| <b>FLS016-4P6</b>  |    | 1×16            | 1×10            | 3×10            | 3×6             |       | 1×M4 | 5×M4            |
| <b>FLS016-4P11</b> | 4P | 3×16            | 3×10            | 8×10            | 8×6             | 80 A  | 3×M4 | 8×M4            |
| <b>FLS016-4P16</b> |    | 4×16            | 4×10            | 12×10           | 12×6            |       | 4×M4 | 12×M4           |



## Złączki przelotowe z otwieraną pokrywą

**TRACON**

**FLS0T35** **FLS0T95** **FLS0T95L**

| Model    | xP | 1P   | 1x35 | 1x70 | 1x95 | mm <sup>2</sup> | Ui    | In  | M10 | M16 |
|----------|----|------|------|------|------|-----------------|-------|-----|-----|-----|
| FLS0T35  | 1P | 1x35 | 1x35 | 1x35 | 1x35 | 1.000 V AC/DC   | 125 A | M10 | M10 |     |
| FLS0T95  | 1P | 1x95 | 1x70 | 1x95 | 1x70 | 1.000 V AC/DC   | 250 A | M16 | M16 |     |
| FLS0T95L | 1P | 1x95 | 1x95 | 1x95 | 1x95 | 690 V AC/DC     | 250 A | M10 | M10 |     |

**FLS0T35** **FLS0T95** **FLS0T95L**

**400 V AC**

**IP 20**

**35x7.5**

**Cu-Sn**

**PA6.6**

**Ta** -20...+75 °C

**FLS0T35** **FLS0T95** **FLS0T95L**

**74** **20,5** **42,5** **100** **30,5** **58,8** **48,8** **206** **56**

**TDZ / EVOZ**

**F/12**

**LIFETIME WARRANTY**

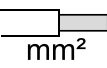
**TRACON**

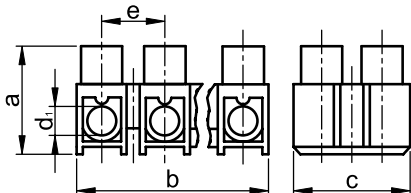
**FLS0T35** **FLS0T95** **FLS0T95L**

**FLS0T35** **FLS0T95** **FLS0T95L**

**Złączki elastyczne o profilu H**

Złączki o wykonaniu standardowym

| Profil | TRACON  |  |  mm <sup>2</sup> | X  | I <sub>n</sub> |  |  ∅ mm |  | d <sub>1</sub><br>(mm) | a<br>(mm) | b<br>(mm) | c<br>(mm) | e<br>(mm) |      |
|--------|---------|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------------------|-----------|-----------|-----------|-----------|------|
| „H”    | S3A-H   |  | 2.5                                                                                               | × 12                                                                                | 16 A           |  | 1.9                                                                                    |    | 2.2                    | 3         | 11        | 93.2      | 11        | 7.5  |
|        | SF3A-H  |  |                                                                                                   | × 12                                                                                |                |                                                                                   |                                                                                        |                                                                                     |                        |           |           |           |           |      |
|        | S5A-H   |  | 4                                                                                                 | × 12                                                                                | 25 A           |  | 2.4                                                                                    |    | 2.7                    | 3.2       | 13        | 114.8     | 13        | 9.7  |
|        | SF5A-H  |  |                                                                                                   | × 12                                                                                |                |                                                                                   |                                                                                        |                                                                                     |                        |           |           |           |           |      |
|        | S10A-H  |  | 6                                                                                                 | × 12                                                                                | 40 A           |  | 2.9                                                                                    |    | 3.3                    | 4.2       | 15.3      | 131.5     | 15.3      | 11.1 |
|        | SF10A-H |  |                                                                                                   | × 12                                                                                |                |                                                                                   |                                                                                        |                                                                                     |                        |           |           |           |           |      |
|        | S15A-H  |  | 10                                                                                                | × 12                                                                                | 50 A           |  | 2.9                                                                                    |    | 3.3                    | 4.5       | 16.6      | 137.3     | 22.5      | 11.5 |
|        | SF15A-H |  |                                                                                                   | × 12                                                                                |                |                                                                                   |                                                                                        |                                                                                     |                        |           |           |           |           |      |
|        | S30A-H  |  | 16                                                                                                | × 12                                                                                | 63 A           |  | 3.7                                                                                    |    | 4.2                    | 5.5       | 19.2      | 169       | 19.2      | 14.5 |
|        | SF30A-H |  |                                                                                                   | × 12                                                                                |                |                                                                                   |                                                                                        |                                                                                     |                        |           |           |           |           |      |
|        | S60A-H  |  | 25                                                                                                | × 12                                                                                | 80 A           | –                                                                                 |                                                                                        |    | 6.6                    | 6.6       | 24.4      | 191       | 24.4      | 16   |
|        | SF60A-H |  |                                                                                                   | × 12                                                                                |                |                                                                                   |                                                                                        |                                                                                     |                        |           |           |           |           |      |



  
Cu

  
PP

  
Ta

  
450 V

  
0.4 – 0.8

  
-20...+75 °C

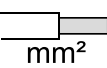


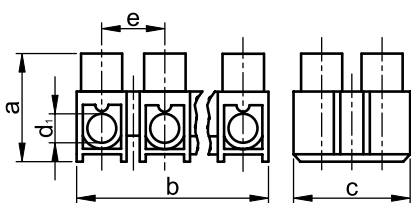


RELEVANT STANDARD  
EN 60998-1  
EN 60998-2-1

**Złączki elastyczne o profilu H**

Złączki z płytką naciskową

| Profil | TRACON    |  |  mm <sup>2</sup> | X  | I <sub>n</sub> |  |  ∅ mm |  | d <sub>1</sub><br>(mm) | a<br>(mm) | b<br>(mm) | c<br>(mm) | e<br>(mm) |      |
|--------|-----------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|------------------------|-----------|-----------|-----------|-----------|------|
| „H”    | S3A-H-L   |  | 2.5                                                                                                 | × 12                                                                                  | 16 A           |  | 1.9                                                                                      |    | 2.2                    | 3         | 11        | 93.2      | 11        | 7.5  |
|        | SF3A-H-L  |  |                                                                                                     | × 12                                                                                  |                |                                                                                     |                                                                                          |                                                                                       |                        |           |           |           |           |      |
|        | S5A-H-L   |  | 4                                                                                                   | × 12                                                                                  | 25 A           |  | 2.4                                                                                      |    | 2.7                    | 3.2       | 13        | 114.8     | 13        | 9.7  |
|        | SF5A-H-L  |  |                                                                                                     | × 12                                                                                  |                |                                                                                     |                                                                                          |                                                                                       |                        |           |           |           |           |      |
|        | S10A-H-L  |  | 6                                                                                                   | × 12                                                                                  | 40 A           |  | 2.9                                                                                      |    | 3.3                    | 4.2       | 15.3      | 131.5     | 15.3      | 11.1 |
|        | SF10A-H-L |  |                                                                                                     | × 12                                                                                  |                |                                                                                     |                                                                                          |                                                                                       |                        |           |           |           |           |      |
|        | S15A-H-L  |  | 10                                                                                                  | × 12                                                                                  | 50 A           |  | 3.7                                                                                      |    | 4.2                    | 4.5       | 16.6      | 140       | 22.5      | 11.5 |
|        | SF15A-H-L |  |                                                                                                     | × 12                                                                                  |                |                                                                                     |                                                                                          |                                                                                       |                        |           |           |           |           |      |
|        | S30A-H-L  |  | 16                                                                                                  | × 12                                                                                  | 63 A           |  | 3.7                                                                                      |    | 4.2                    | 5.5       | 19.2      | 169       | 19.2      | 14.5 |
|        | SF30A-H-L |  |                                                                                                     | × 12                                                                                  |                |                                                                                     |                                                                                          |                                                                                       |                        |           |           |           |           |      |
|        | S60A-H-L  |  | 25                                                                                                  | × 12                                                                                  | 80 A           | –                                                                                   |                                                                                          |    | 6.6                    | 6.6       | 24.4      | 191       | 24.4      | 16   |
|        | SF60A-H-L |  |                                                                                                     | × 12                                                                                  |                |                                                                                     |                                                                                          |                                                                                       |                        |           |           |           |           |      |



  
Cu

  
PP

  
Ta

  
450 V

  
0.4 – 0.8

  
-20...+75 °C





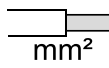
RELEVANT STANDARD

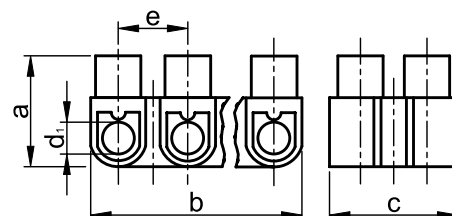
EN 60998-1

EN 60998-2-1

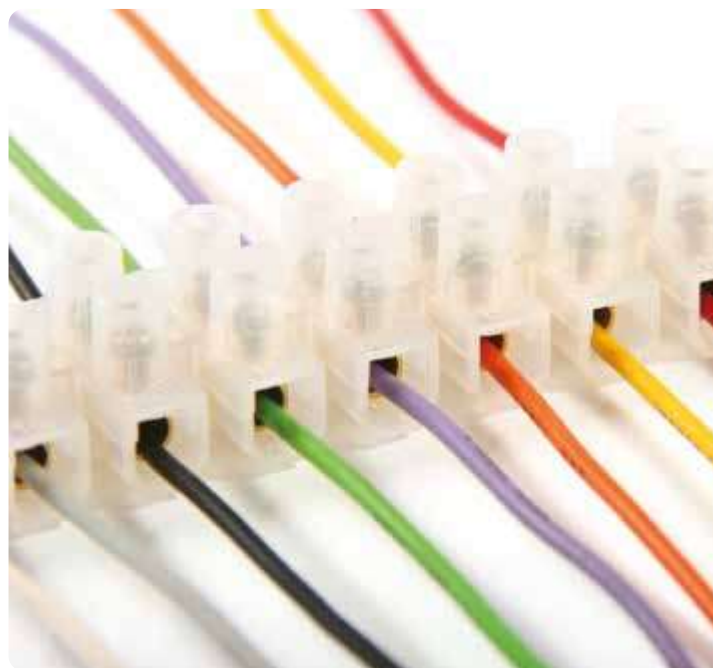


## Złączki elastyczne o profilu U

| Profil | TRACON  |  |  | X                                                                                                                                                                        | I <sub>n</sub> |  |  |  | d <sub>1</sub> | a    | b     | c    | e    |
|--------|---------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------|------|-------|------|------|
|        |         |                                                                                   | mm <sup>2</sup>                                                                   |   ...  |                | Ø mm                                                                              | (mm)                                                                               | (mm)                                                                                | (mm)           | (mm) | (mm)  |      |      |
| „U“    | S3A-U   |  | 2.5                                                                               | × 12                                                                                                                                                                                                                                                      | 16 A           | 1.9                                                                               | 2.2                                                                                | 2.3                                                                                 | 3              | 10.8 | 91.4  | 15.6 | 7.6  |
|        | S5A-U   |  | 4                                                                                 | × 12                                                                                                                                                                                                                                                      | 25 A           | 2.4                                                                               | 2.7                                                                                | 2.9                                                                                 | 3.3            | 12.8 | 112.5 | 15.5 | 9.5  |
|        | S10A-U  |  | 6                                                                                 | × 12                                                                                                                                                                                                                                                      | 40 A           | 2.9                                                                               | 3.3                                                                                | 2.9                                                                                 | 4.2            | 15   | 128   | 20.6 | 10.8 |
|        | SF10A-U |  |                                                                                   | × 12                                                                                                                                                                                                                                                      |                | 2.9                                                                               | 3.3                                                                                | 2.9                                                                                 | 4.2            | 15   | 128   | 20.6 | 10.8 |
|        | S15A-U  |  | 10                                                                                | × 12                                                                                                                                                                                                                                                      | 50 A           | 2.9                                                                               | 2.9                                                                                | 3.3                                                                                 | 4.5            | 16.6 | 137.3 | 22.5 | 12   |
|        | SF15A-U |  |                                                                                   | × 12                                                                                                                                                                                                                                                      |                | 2.9                                                                               | 2.9                                                                                | 3.3                                                                                 | 4.5            | 16.6 | 137.3 | 22.5 | 12   |
|        | SK15A-U |  |                                                                                   | × 12                                                                                                                                                                                                                                                      |                | 2.9                                                                               | 2.9                                                                                | 3.3                                                                                 | 4.5            | 16.6 | 137.3 | 22.5 | 12   |
|        | SP15A-U |  |                                                                                   | × 12                                                                                                                                                                                                                                                      |                | 2.9                                                                               | 2.9                                                                                | 3.3                                                                                 | 4.5            | 16.6 | 137.3 | 22.5 | 12   |
|        | S30A-U  |  | 16                                                                                | × 12                                                                                                                                                                                                                                                      | 63 A           | 3.7                                                                               | 4.2                                                                                | 3.9                                                                                 | 5.6            | 19   | 164.5 | 25.3 | 19   |
|        | SF30A-U |  |                                                                                   | × 12                                                                                                                                                                                                                                                      |                | 3.7                                                                               | 4.2                                                                                | 3.9                                                                                 | 5.6            | 19   | 164.5 | 25.3 | 19   |
|        | S60A-U  |  | 25                                                                                | × 12                                                                                                                                                                                                                                                      | 80 A           | —                                                                                 | 6.6                                                                                | 6.3                                                                                 | 6.6            | 24   | 185.5 | 29.2 | 15.8 |
|        | SF60A-U |  |                                                                                   | × 12                                                                                                                                                                                                                                                      |                | —                                                                                 | 6.6                                                                                | 6.3                                                                                 | 6.6            | 24   | 185.5 | 29.2 | 15.8 |



RELEVANT STANDARD

**EN 60998-1**  
**EN 60998-2-1**
**FIMKO IECCE-CB CERTIFICATE NO.**  
**FI748, FI876, FI952**


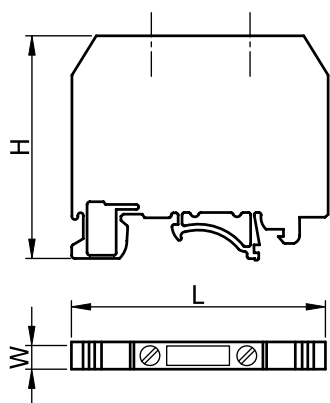


## Sprężynowe zaciski połączeniowe TSKD (bez śrub)

Sprężynujące zaciski zostały zaprojektowane do łączenia przewodów obwodów sterujących o rozmiarze 0.08 mm<sup>2</sup> - 6.0 mm<sup>2</sup>. Połączenie cechuje się wysoką jakością i niezawodnością i jest wykonywane szybko. Zacisk TSKD może służyć do łączenia nieprzygotowanych sztywnych przewodów lub przewodów giętkich wyposażonych w końcówkę tulejkową lub wsuwaną.

Plastikowa obudowa wykonana z wysoce ognioodpornego, samogasnącego poliamidu (zgodnie z wymaganiami normy UL94-V0) charakteryzuje się dobrymi parametrami elektrycznymi. Jej kształt umożliwia mocowanie za pomocą śrub na dowolną powierzchnię.

| TRACON          | U <sub>n</sub> | I <sub>n</sub> |  mm <sup>2</sup> |  | W<br>(mm) | L<br>(mm) | H<br>(mm) |  |  |  |
|-----------------|----------------|----------------|---------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------|-----------|-----------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| <b>TSKD1,5</b>  | 400 V          | 18 A           | 1.5                                                                                               | 1.5                                                                               | 5         | 25.5      | 17.5      | 6                                                                                   | <b>VLD1,5</b>                                                                       | <b>SFD1,5</b>                                                                       |
| <b>TSKD2,5</b>  | 500 V          | 24 A           | 0.08-4                                                                                            | 0.08-2.5                                                                          | 6         | 28        | 17        | 7                                                                                   | <b>VLD2,5</b>                                                                       | <b>SFD2,5</b>                                                                       |
| <b>TSKD4</b>    | 690 V          | 32 A           | 0.08-6                                                                                            | 0.08-4                                                                            | 7         | 33.7      | 23        | 8                                                                                   | <b>VLD4</b>                                                                         | <b>SFD4</b>                                                                         |
| <b>TSKD1,5D</b> | 400 V          | 18 A           | 2 × (0.08-1.5)                                                                                    | 2 × (0.08-1.5)                                                                    | 8         | 25.5      | 17.5      | 7                                                                                   | <b>VLD1,5</b>                                                                       | <b>SFD1,5</b>                                                                       |
| <b>TSKD2,5D</b> | 500 V          | 24 A           | 2 × (0.08-4)                                                                                      | 2 × (0.08-2.5)                                                                    | 10        | 28        | 17        | 7                                                                                   | <b>VLD2,5</b>                                                                       | <b>SFD2,5</b>                                                                       |
| <b>TSKD4D</b>   | 690 V          | 32 A           | 2 × (0.08-6)                                                                                      | 2 × (0.08-4)                                                                      | 12        | 33.7      | 23        | 8                                                                                   | <b>VLD4</b>                                                                         | <b>SFD4</b>                                                                         |



### Akcesoria

#### TRACON



##### TSKDRE

Adapter do mocowania serii TSKD na szynę



#### TRACON



##### VLD1,5

Ścianka boczna do zacisków TSKD1,5-TSKDD1,5D

##### VLD2,5

Ścianka boczna do zacisków TSKD2,5-TSKD2,5D

##### VLD4

Ścianka boczna do zacisków TSKD4-TSKD4D



#### TRACON



##### SFD1,5

Mostek połączeniowy do TSKD1,5-TSKDD1,5D (2 modul)

##### SFD2,5

Mostek połączeniowy do TSKD2,5-TSKD2,5D (2 modul)

##### SFD4

Mostek połączeniowy do TSKD4-TSKD4D (2 modul)



**LSFL**  
E1/32

## Seria przemysłowych zacisków połączeniowych TSKA

Rodzina przemysłowych zacisków połączeniowych TSKA posiada kilka wzajemnie odizolowanych łączników. Zaciski TSKA stosowane są głównie w przemyśle, w obwodach pomiarowych i sterowania oraz w skrzynkach dystrybucji energii. Zaciski połączeniowe mogą być stosowane do łączenia miedzianych przewodów o okrągłym przekroju.

Plastikowa obudowa wykonana z wysoce ognioodpornego, samogasnącego poliamidu (zgodnie z wymaganiami normy UL94-V0) charakteryzuje się dobrymi parametrami elektrycznymi. Jej kształt umożliwia mocowanie zacisku do szyn montażowych, zgodnie z normą EN-50022.



### Zaciski ogólnego przeznaczenia

W standardowych zastosowaniach te zaciski są stosowane do łączenia przewodów fazowych o przekroju do 25 mm<sup>2</sup>. Jedna strona plastikowej obudowy jest otwarta. Na ostatnim zacisku należy zamocować ściankę boczną typu VL.



### Zaciski wysokiej obciążalności

Ten typ zacisków jest przeznaczony do łączenia przewodów fazowych o przekroju 35-185 mm<sup>2</sup>. Połączenie elektryczne typu żeńskiego jest wykonane z prasowanej metalowej konstrukcji. Plastikowa obudowa zacisku jest zamknięta z obydwu stron.



### Zaciski przewodu neutralnego

Mają taką samą konstrukcję jak zaciski ogólnego przeznaczenia. Jednak z powodu niebieskiego koloru obudowy, który je odróżnia od innych zacisków, przeznaczone są do łączenia przewodów neutralnych.



### Zaciski przewodu neutralnego, wysokiej obciążalności

Mają taką samą konstrukcję jak zaciski o wysokiej obciążalności. Jednak z powodu niebieskiego koloru obudowy, który je odróżnia od innych zacisków, przeznaczone są do łączenia przewodów neutralnych.



### Zaciski przewodu ochronnego

Zapewniają mechaniczne i elektryczne połączenie między przewodem PE i uzziemieniem szyny montażowej. Ten typ zacisków może być stosowany do podłączania przewodu ochronno-neutralnego PEN lub ochronnego PE.



### Zaciski dwupoziomowe

Mogą być stosowane do łączenia przewodów oddzielnych obwodów. Dzięki właściwej konstrukcji plastikowej obudowy, dwupoziomowe zaciski ułatwiają przykręcanie przewodów przy pomocy śrubokręta. Są użyteczne w przypadku braku miejsca.



### Zaciski do łączenia trzech przewodów

Są przeznaczone do łączenia przewodów różnego typu, konstrukcji i przekroju, które powinny być podłączone do tego samego punktu obwodu.



### Zaciski bezpiecznikowe

Gniazdo dla bezpieczników szklanych o różnych mocach znamionowych. Wbudowana dioda LED na bieżąco sygnalizuje stan bezpiecznika, co umożliwia szybką identyfikację problemów. (Dla bezpieczników 5 × 20 mm)



### Zaciski pomiarowe

Oprócz możliwości łączenia lub rozłączania podpiętych przewodów pozwalają na szeregowo lub równoległe podłączenie urządzeń pomiarowych. W zacisku typu TSKA6S żeński zacisk pomiarowy umożliwia podłączenie przewodu przez wciśnięcie, a także podłączenie wtyku połączeniowego.



### Zaciski separujące

Mogą być stosowane do prądów znamionowych 16A. Elementy rozłączające są przystosowane do rozłączania napięć znamionowych do 500V w celach pomiarowych lub dla rozłączania obwodów.



RELEVANT STANDARD  
EN 60947-7-1  
EN 60947-7-2

## Akcesoria

### Mostki połączeniowe SF

Są przeznaczone do łączenia ze sobą zacisków (od strony podłączenia przewodów). Dostępne są w wersji dwóch, trzech lub dziesięciu modułów. Dla zapewnienia bezpieczeństwa i wytrzymałości elektrycznej łączący element jest pokryty plastikową izolacją.



### Mostki USF

Są przeznaczone do łączenia zacisków do wspólnego potencjału. Dostępne w wersji dwóch, trzech lub dziesięciu modułów aż do rozmiaru TSKA50.



### Ścianka boczna typu VL

Ścianka boczna jest przeznaczona do zamknięcia ostatniego zacisku listwy połączeniowej. Zapewnia dostateczną izolację zgodnie z wartością napięcia znamionowego i separację elektryczną między sąsiednimi zaciskami o różnych rozmiarach.



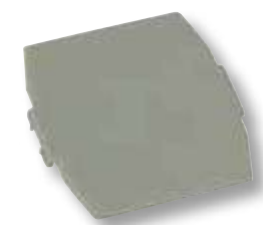
### Mostki HL

Przeznaczone są do łączenia nie sąsiadujących z sobą zacisków. Izolacyjna osłona na główce śrubki zapewnia bezpieczeństwo elektryczne. Przez wzajemne zakładanie mostków, można połączyć ze sobą do 10 elementów.



### Przekładki izolacyjne EL

Zapewniają elektryczną i wizualną izolację między mostkami połączeniowymi, które można też instalować później.



### Przekładki rozdzielające SZEL

Zapewniają elektryczną i wizualną izolację między zaciskami listew połączeniowych.



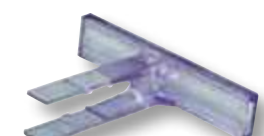
### Blokady końcowe RE

Umożliwiają zamocowanie zacisków na listwie montażowej (profil 35/7,5mm lub profil typu „C” 32/15mm) Zalecany jest montaż blokad końcowych z obydwu stron listew zaciskowych.



### Oznacznik rzędu zacisków KJ-A

Zatrząskiwany na blokady końcowe RE1 i RE2, służy do oznaczania rzędu zacisków na etykiecie 44 × 7 mm wsuwanej do odpowiedniego wycięcia.



### Samoprzylepne etykiety (J)

Dostępne w 4 rozmiarach etykiety są naklejane na istniejące oznaczniki typu „J”. Dostarczane są na kartach rozmiaru A4. Asortyment wszystkich rodzajów (S1-100. L1, L2, L3, R, S, T, N, znajdziesz na stronie internetowej!



### Oznaczniki typu J

Ten typ oznaczników służy do identyfikacji zacisków. W naszej ofercie posiadamy oznaczniki o czterech różnych szerokościach (jeden zestaw zawiera 10 oznaczników).



RELEVANT STANDARD

EN 60947-7-1

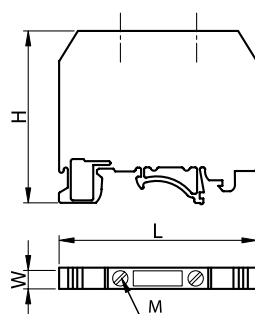
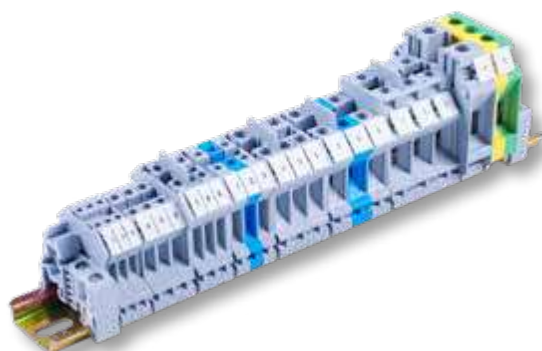
EN 60947-7-2



**CO218A**  
F/62



| TRAICON           |  | U <sub>n</sub> | I <sub>n</sub> | mm <sup>2</sup>                                                                   |                                                                                     | W<br>(mm) | L<br>(mm) | H<br>(mm) | M<br>(mm) | <br>mm |
|-------------------|-----------------------------------------------------------------------------------|----------------|----------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------|-----------|-----------|-----------|-------------------------------------------------------------------------------------------|
|                   |                                                                                   |                |                |  |  |           |           |           |           |                                                                                           |
| <b>TSKA1,5</b>    | Ogólnego przeznaczenia                                                            | 500 V          | 17.5 A         | 0.14-1.5                                                                          | 0.14-1.5                                                                            | 4.3       | 43        | 41        | M2        | 5                                                                                         |
| <b>TSKA2,5</b>    | Ogólnego przeznaczenia                                                            | 800 V          | 32 A           | 0.2-4                                                                             | 0.2-2.5                                                                             | 5.5       | 43        | 41,2      | M3        | 8                                                                                         |
| <b>TSKA4</b>      | Ogólnego przeznaczenia                                                            | 800 V          | 41 A           | 0.2-6                                                                             | 0.2-4                                                                               | 6.5       | 43        | 46        | M3        | 8                                                                                         |
| <b>TSKA6</b>      | Ogólnego przeznaczenia                                                            | 800 V          | 57 A           | 0.2-10                                                                            | 0.2-6                                                                               | 8.5       | 43        | 46        | M4        | 10                                                                                        |
| <b>TSKA10</b>     | Ogólnego przeznaczenia                                                            | 800 V          | 76 A           | 0.5-16                                                                            | 0.5-10                                                                              | 10.2      | 43        | 46        | M4        | 10                                                                                        |
| <b>TSKA16</b>     | Ogólnego przeznaczenia                                                            | 800 V          | 101 A          | 2.5-25                                                                            | 4-16                                                                                | 12.2      | 43        | 52.5      | M4        | 11                                                                                        |
| <b>TSKA35</b>     | Ogólnego przeznaczenia                                                            | 1000 V         | 150 A          | 0.75-50                                                                           | 0.75-35                                                                             | 15.2      | 50        | 61        | M6        | 16                                                                                        |
| <b>TSKA50</b>     | Ogólnego przeznaczenia                                                            | 1000 V         | 150 A          | 16-50                                                                             | 25-50                                                                               | 20.5      | 71        | 76        | M6        | 24                                                                                        |
| <b>TSKA70</b>     | Ogólnego przeznaczenia                                                            | 1000 V         | 192 A          | 25-70                                                                             | 25-70                                                                               | 20.2      | 70.7      | 76,5      | M6        | 23,5                                                                                      |
| <b>TSKA95</b>     | Ogólnego przeznaczenia                                                            | 1000 V         | 232 A          | 25-95                                                                             | 35-95                                                                               | 25        | 83        | 90        | M8        | 33                                                                                        |
| <b>TSKA150</b>    | Ogólnego przeznaczenia                                                            | 1000 V         | 309 A          | 35-150                                                                            | 50-150                                                                              | 31        | 100       | 119       | M10       | 40                                                                                        |
| <b>TSKA240</b>    | Ogólnego przeznaczenia                                                            | 1000 V         | 415 A          | 70-240                                                                            | 70-240                                                                              | 36        | 100       | 131.5     | M12       | 40                                                                                        |
| <b>TSKA1,5-K</b>  | Neutralne                                                                         | 500 V          | 17.5 A         | 0.14-1.5                                                                          | 0.14-1.5                                                                            | 4.3       | 43        | 41        | M2        | 5                                                                                         |
| <b>TSKA2,5-K</b>  | Neutralne                                                                         | 800 V          | 32 A           | 0.2-4                                                                             | 0.2-2.5                                                                             | 5.5       | 43        | 41,2      | M3        | 8                                                                                         |
| <b>TSKA4-K</b>    | Neutralne                                                                         | 800 V          | 41 A           | 0.2-6                                                                             | 0.2-4                                                                               | 6.5       | 43        | 46        | M3        | 8                                                                                         |
| <b>TSKA6-K</b>    | Neutralne                                                                         | 800 V          | 57 A           | 0.2-10                                                                            | 0.2-6                                                                               | 8.3       | 43        | 46        | M4        | 10                                                                                        |
| <b>TSKA10-K</b>   | Neutralne                                                                         | 800 V          | 76 A           | 0.5-16                                                                            | 0.5-10                                                                              | 10.5      | 43        | 46        | M4        | 10                                                                                        |
| <b>TSKA16-K</b>   | Neutralne                                                                         | 800 V          | 101 A          | 2.5-25                                                                            | 4-16                                                                                | 12.5      | 43        | 52.5      | M4        | 11                                                                                        |
| <b>TSKA35-K</b>   | Neutralne                                                                         | 1000 V         | 150 A          | 0.75-50                                                                           | 0.75-35                                                                             | 15.7      | 51        | 62        | M6        | 16                                                                                        |
| <b>TSKA50-K</b>   | Neutralne                                                                         | 1000 V         | 150 A          | 16-50                                                                             | 25-50                                                                               | 20.5      | 71        | 76        | M6        | 24                                                                                        |
| <b>TSKA70-K</b>   | Neutralne                                                                         | 1000 V         | 192 A          | 25-70                                                                             | 25-70                                                                               | 20.2      | 70.7      | 76,5      | M6        | 23,5                                                                                      |
| <b>TSKA95-K</b>   | Neutralne                                                                         | 1000 V         | 232 A          | 25-95                                                                             | 35-95                                                                               | 25        | 83        | 90        | M8        | 33                                                                                        |
| <b>TSKA150-K</b>  | Neutralne                                                                         | 1000 V         | 309 A          | 35-150                                                                            | 50-150                                                                              | 31.5      | 101       | 112       | M10       | 40                                                                                        |
| <b>TSKA240-K</b>  | Neutralne                                                                         | 1000 V         | 415 A          | 70-240                                                                            | 70-240                                                                              | 36        | 100       | 131.5     | M12       | 40                                                                                        |
| <b>TSKA1,5JD</b>  | PE                                                                                | 500 V          | 17.5 A         | 0.14-1.5                                                                          | 0.14-1.5                                                                            | 4.3       | 43        | 41        | M2        | 5                                                                                         |
| <b>TSKA2,5JD</b>  | PE                                                                                | –              | 32 A           | 0.2-4                                                                             | 0.2-2.5                                                                             | 5.5       | 42.5      | 45.5      | M3        | 8                                                                                         |
| <b>TSKA4JD</b>    | PE                                                                                | –              | 41 A           | 0.2-6                                                                             | 0.2-4                                                                               | 6.5       | 43        | 46        | M3        | 8                                                                                         |
| <b>TSKA6JD</b>    | PE                                                                                | –              | 57 A           | 0.2-10                                                                            | 0.2-6                                                                               | 8.5       | 43        | 46        | M4        | 10                                                                                        |
| <b>TSKA10JD</b>   | PE                                                                                | –              | 76 A           | 0.5-16                                                                            | 0.5-10                                                                              | 10.5      | 43        | 45.5      | M4        | 10                                                                                        |
| <b>TSKA16JD</b>   | PE                                                                                | –              | 101 A          | 2.5-25                                                                            | 4-16                                                                                | 12.5      | 43        | 52.5      | M4        | 11                                                                                        |
| <b>TSKA35JD</b>   | PE                                                                                | –              | 150 A          | 0.75-50                                                                           | 0.75-35                                                                             | 16        | 55        | 51        | M6        | 16                                                                                        |
| <b>TSKA50JD</b>   | PE                                                                                | –              | 150 A          | 16-50                                                                             | 25-50                                                                               | 20.5      | 71        | 77        | M6        | 24                                                                                        |
| <b>TSKA70JD</b>   | PE                                                                                | –              | 192 A          | 25-70                                                                             | 25-70                                                                               | 20.2      | 70.7      | 76,5      | M6        | 23,5                                                                                      |
| <b>TSKA95JD</b>   | PE                                                                                | –              | 230 A          | 95-95                                                                             | 35-95                                                                               | 25.3      | 83.3      | 89.7      | M8        | 23,5                                                                                      |
| <b>TSKA2,5/2</b>  | Dwupoziomowe                                                                      | 500 V          | 32 A           | 0.2-4                                                                             | 0.2-2.5                                                                             | 5.5       | 56.5      | 62        | M3        | 8                                                                                         |
| <b>TSKA2,5/2S</b> | Dwupoziomowe                                                                      | 500 V          | 24 A           | 0.2-4                                                                             | 0.2-4                                                                               | 5.5       | 62.1      | 47        | M3        | 6                                                                                         |
| <b>TSKA4/2</b>    | Dwupoziomowe                                                                      | 500 V          | 32 A           | 0.2-4                                                                             | 0.2-4                                                                               | 6.5       | 56.5      | 61        | M3        | 8                                                                                         |
| <b>TSKA4/3</b>    | Potrójne                                                                          | 500 V          | 32 A           | 0.2-4                                                                             | 0.2-4                                                                               | 6.5       | 50        | 46        | M3        | 8                                                                                         |
| <b>TSKA4/4</b>    | Poczwórne                                                                         | 690 V          | 32 A           | 0.2-6                                                                             | 0.2-4                                                                               | 6.5       | 63.5      | 46        | M3        | 8                                                                                         |
| <b>TSKA10/3</b>   | Potrójne                                                                          | 800 V          | 65 A           | 0.5-16                                                                            | 0.5-10                                                                              | 10        | 57        | 57.8      | M4        | 5                                                                                         |
| <b>TSKA4LEV</b>   | Separujące                                                                        | 500 V          | 16 A           | 0.2-4                                                                             | 0.2-4                                                                               | 6.5       | 51.5      | 47        | M3        | 8                                                                                         |
| <b>TSKA6S</b>     | Pomiarowe                                                                         | 400 V          | 57 A           | 0.5-10                                                                            | 0.5-6                                                                               | 8.5       | 72.5      | 51        | M4        | 13                                                                                        |
| <b>TSKA4B</b>     | Bezpiecznikowy                                                                    | 800 V          | 6.3 A          | 0.2-4                                                                             | 0.2-4                                                                               | 8         | 73.6      | 55        | M3        | 8                                                                                         |
| <b>TSKA16B</b>    | Bezpiecznikowy                                                                    | 800 V          | 6.3 A          | 0.5-16                                                                            | 0.5-16                                                                              | 12.2      | 62.6      | 57.8      | M4        | 9                                                                                         |



2 moduły

3 moduły

- |     |                                                                  |                |
|-----|------------------------------------------------------------------|----------------|
| (1) | <b>USF35-2</b>                                                   | <b>USF35-3</b> |
| (2) | <b>USF50-2</b>                                                   | <b>USF50-3</b> |
| (3) | Oznacznik typu KJ-A można przypiąć do blokady końcowej typu RE1. |                |

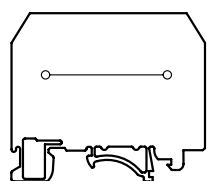




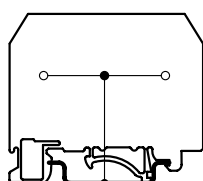
(3)

TRACON

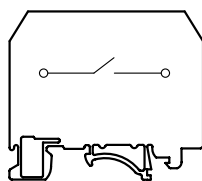
|     |                      |       |       |       |          |      |       |         |     |     |            |
|-----|----------------------|-------|-------|-------|----------|------|-------|---------|-----|-----|------------|
| 0.4 | USF1,5               | -     | -     | -     | VL1,5    | -    | -     | SZEL101 | J4  | RE1 | TSKA1,5    |
| 0.5 | USF2,5               | SF102 | SF103 | SF100 | VL4/10   | -    | EL102 | SZEL101 | J5  | RE1 | TSKA2,5    |
| 0.5 | USF4                 | SF112 | -     | SF110 | VL4/10   | HL4  | EL102 | SZEL101 | J6  | RE1 | TSKA4      |
| 1.2 | USF6                 | SF122 | SF123 | SF120 | VL4/10   | HL6  | EL102 | SZEL101 | J8  | RE1 | TSKA6      |
| 1.2 | USF10                | SF132 | SF133 | SF130 | VL4/10   | HL10 | EL102 | SZEL101 | J10 | RE1 | TSKA10     |
| 1.2 | USF16                | -     | -     | SF140 | VL16     | -    | EL102 | SZEL101 | J10 | RE1 | TSKA16     |
| 2.5 | USF35 <sup>(1)</sup> | -     | -     | SF150 | -        | -    | EL102 | -       | J10 | RE1 | TSKA35     |
| 2.5 | -(2)                 | -     | -     | -     | -        | -    | -     | -       | J10 | RE2 | TSKA50     |
| 1.8 | -                    | -     | -     | -     | -        | -    | -     | -       | J10 | RE2 | TSKA70     |
| 3.5 | -                    | -     | -     | -     | -        | -    | -     | -       | J10 | RE2 | TSKA95     |
| 4.0 | -                    | -     | -     | -     | -        | -    | -     | -       | J10 | RE2 | TSKA150    |
| 14  | -                    | -     | -     | -     | -        | -    | -     | -       | J10 | RE2 | TSKA240    |
| 0.4 | USF1,5               | -     | -     | -     | VL4/10   | -    | -     | SZEL101 | J4  | RE1 | TSKA1,5-K  |
| 0.5 | USF2,5               | SF102 | SF103 | SF100 | VL4/10   | -    | EL102 | SZEL101 | J5  | RE1 | TSKA2,5-K  |
| 0.5 | USF4                 | SF112 | -     | SF110 | VL4/10   | HL4  | EL102 | SZEL101 | J6  | RE1 | TSKA4-K    |
| 1.2 | USF6                 | SF122 | SF123 | SF120 | VL4/10   | HL6  | EL102 | SZEL101 | J8  | RE1 | TSKA6-K    |
| 1.2 | USF10                | SF132 | SF133 | SF130 | VL4/10   | HL10 | EL102 | SZEL101 | J10 | RE1 | TSKA10-K   |
| 1.2 | USF16                | -     | -     | SF140 | VL16     | -    | EL102 | SZEL101 | J10 | RE1 | TSKA16-K   |
| 2.5 | USF35 <sup>(1)</sup> | -     | -     | SF150 | -        | -    | EL102 | -       | J10 | RE1 | TSKA35-K   |
| 2.5 | -(2)                 | -     | -     | -     | -        | -    | -     | -       | J10 | RE2 | TSKA50-K   |
| 2.5 | -                    | -     | -     | -     | -        | -    | -     | -       | J10 | RE2 | TSKA70-K   |
| 3.5 | -                    | -     | -     | -     | -        | -    | -     | -       | J10 | RE2 | TSKA95-K   |
| 4.0 | -                    | -     | -     | -     | -        | -    | -     | -       | J10 | RE2 | TSKA150-K  |
| 14  | -                    | -     | -     | -     | -        | -    | -     | -       | J10 | RE2 | TSKA240-K  |
| 0.5 | -                    | -     | -     | -     | -        | -    | -     | -       | J4  | RE1 | TSKA1,5JD  |
| 0.5 | -                    | -     | -     | -     | -        | -    | -     | -       | J5  | RE1 | TSKA2,5JD  |
| 1.2 | -                    | -     | -     | -     | -        | -    | -     | -       | J6  | RE1 | TSKA4JD    |
| 0.4 | -                    | -     | -     | -     | -        | -    | -     | -       | J8  | RE1 | TSKA6JD    |
| 1.2 | -                    | -     | -     | -     | -        | -    | -     | -       | J10 | RE1 | TSKA10JD   |
| 1.2 | -                    | -     | -     | -     | -        | -    | -     | -       | J10 | RE1 | TSKA16JD   |
| 2.5 | -                    | -     | -     | -     | -        | -    | -     | -       | J10 | RE1 | TSKA35JD   |
| 2.5 | -                    | -     | -     | -     | -        | -    | -     | -       | J10 | RE2 | TSKA50JD   |
| 2.5 | -                    | -     | -     | -     | -        | -    | -     | -       | J10 | RE2 | TSKA70JD   |
| 3.5 | -                    | -     | -     | -     | -        | -    | -     | -       | J10 | RE2 | TSKA95JD   |
| 0.5 | USF4/2               | -     | -     | SF180 | VL3/5    | -    | EL101 | -       | J5  | RE1 | TSKA2,5/2  |
| 0.4 | USF4/2               | SF102 | SF103 | SF100 | VL2,5/2S | -    | EL102 | -       | J5  | RE1 | TSKA2,5/2S |
| 0.5 | USF4                 | SF112 | -     | SF110 | VL3/5    | HL4  | EL101 | -       | J6  | RE1 | TSKA4/2    |
| 0.5 | USF4                 | SF112 | -     | SF110 | VL4/3    | HL4  | EL102 | -       | J6  | RE1 | TSKA4/3    |
| 0.5 | USF4                 | SF112 | -     | SF110 | VL4/4    | HL4  | EL101 | -       | J6  | RE1 | TSKA4/4    |
| 1.2 | USF10                | SF132 | SF133 | SF130 | -        | -    | -     | -       | J5  | RE1 | TSKA10/3   |
| 0.5 | -                    | SF112 | -     | SF110 | -        | -    | -     | -       | J6  | RE1 | TSKA4LEV   |
| 1.2 | -                    | -     | -     | -     | VL6S     | -    | EL105 | SZEL105 | J8  | RE1 | TSKA6S     |
| 0.5 | -                    | -     | -     | -     | -        | -    | -     | -       | J8  | RE1 | TSKA4B     |
| 1.2 | USF16                | -     | -     | -     | -        | -    | -     | -       | J8  | RE1 | TSKA16B    |



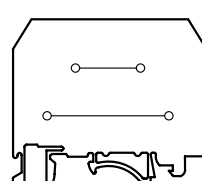
Ogólnego prze-  
znaczenia,  
neutralne



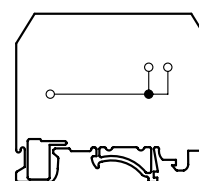
PE



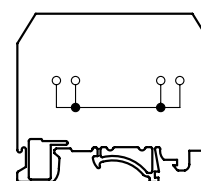
Pomiarowe, sepa-  
rujące



Dwupoziomowe



Potrójne



Poczwórne

## Seria sprężynowych zacisków połączeniowych TSKC (bez śrub)

Sprężynujące zaciski zostały zaprojektowane głównie do łączenia przewodów obwodów sterujących o rozmiarze 0,2 mm<sup>2</sup> do 16 mm<sup>2</sup>. Połączenie cechuje się wysoką jakością i niezawodnością i jest wykonywane szybko. Zacisk TSKC może służyć do łączenia nieprzygotowanych sztywnych przewodów, przewodów giętkich lub typu skrętka, na które założono końcówki tulejkowe lub płaskie końcówki wsuwane.

Plastikowa obudowa wykonana z wysoce ognioodpornego, samogasnącego poliamidu (zgodnie z wymaganiami normy UL94-V0) charakteryzuje się dobrymi parametrami elektrycznymi. Jej kształt umożliwia mocowanie zacisku do szyn montażowych, zgodnie z normą EN-50022.



TSKC..D

### Zaciski ogólnego przeznaczenia

Umożliwiają łączenie przewodów o przekroju od 2,5 mm<sup>2</sup> do 16 mm<sup>2</sup>, nie wymagając dużo miejsca. Sprężyny, umieszczone w środku w zacisku, zapewniają kontakt elektryczny. Aby odłączyć przewód, należy nacisnąć sprężynę przy pomocy śrubokręta.



TSKC..D-K

### Zaciski przewodu neutralnego

Mają taką samą konstrukcję jak zaciski ogólnego przeznaczenia. Jednak z powodu niebieskiego koloru obudowy, który je odróżnia od innych zacisków, przeznaczone są do łączenia przewodów neutralnych.



TSKC..JDD

### Zaciski przewodu ochronnego

Zapewniają mechaniczne i elektryczne połączenie między przewodem PE i uziemieniem szyny montażowej. Ten typ zacisków może być stosowany do podłączania przewodu ochronno-neutralnego PEN lub ochronnego PE. Dostępne są też wersje zacisków ogólnego przeznaczenia, potrójne i poczwórne.



### Zaciski dwupoziomowe

Mogą być stosowane do łączenia przewodów oddzielnych obwodów. Dzięki właściwej konstrukcji plastikowej obudowy, 2-3 zaciski ułatwiają przykręcanie przewodów przy pomocy śrubokręta. Są użyteczne w przypadku braku miejsca.



### Zaciski do łączenia trzech przewodów

Są przeznaczone do łączenia przewodów różnego typu, konstrukcji i przekroju, które powinny być podłączone do tego samego punktu obwodu. Dostępne są też w wersji zacisków neutralnych (niebieskie).



### Zaciski do łączenia czterech przewodów

Są przeznaczone do łączenia przewodów różnego typu, konstrukcji i przekroju, które powinny być podłączone do tego samego punktu obwodu. Dostępne są też w wersji zacisków neutralnych (niebieskie).



### Zaciski bezpiecznikowe

Gniazdo dla bezpieczników szklanych o różnych mocach znamionowych. Wbudowana dioda LED na bieżąco sygnalizuje stan bezpiecznika, co umożliwia szybką identyfikację problemów. (Dla bezpieczników 5 × 20 mm)

RELEVANT STANDARD  
EN 60947-7-1

RELEVANT STANDARD  
EN 60947-7-2



## Akcesoria

### Mostki połączeniowe AHC..., SFC...

Dostępne w wersji 2-polowej, do połączenia osobno elementów sąsiadujących (SFC..) lub do połączenia co drugiego elementu (AHC..)



### Oznaczniki J

Dostępne w 4 rozmiarach etykiety J pasujące do oznaczników J... Dostarczane na karcie wielkości A4, dostępne oznaczenia: 1-100, L1, L2, L3, R, S, T, N itd. Dostępny asortyment sprawdź na stronie WWW.



### Blokady końcowe REC1, REC2, REC3

Umożliwiają zamocowanie zacisków na listwie montażowej (profil 35/7,5mm lub profil typu „C” 32/15mm) Zalecany jest montaż blokad końcowych z obydwu stron listew zaciskowych.



### Uchwyt do oznaczników piętrowych zacisków TSKC-EJ

Dzięki TSKC-EJ można oznaczyć poszczególne połączenia zacisków 2-3 piętrowych.



### Ścianka boczna VLC

Ścianka boczna jest przeznaczona do zamknięcia ostatniego zacisku listwy połączeniowej. Zapewnia dostateczną izolację zgodnie z wartością napięcia znamionowego i separację elektryczną między sąsiednimi zaciskami o różnych rozmiarach.



### SJ9 Oznacznik na szynę TH (podstawka i ramka)

Znacznik zatrzaskiwany na szynę montażową w celu oznaczenia szyny lub sekcji szyny. Po opisaniu kartki 13/7 (SJ15/SJ9) mm, należy umieścić w specjalnym spuszcie



### Oznacznik TSKCJS

Oznacznik zacisków umożliwia umieszczenie etykiet J. Ich zastosowanie jest konieczne do poprawnej identyfikacji poszczególnych połączeń instalacji.



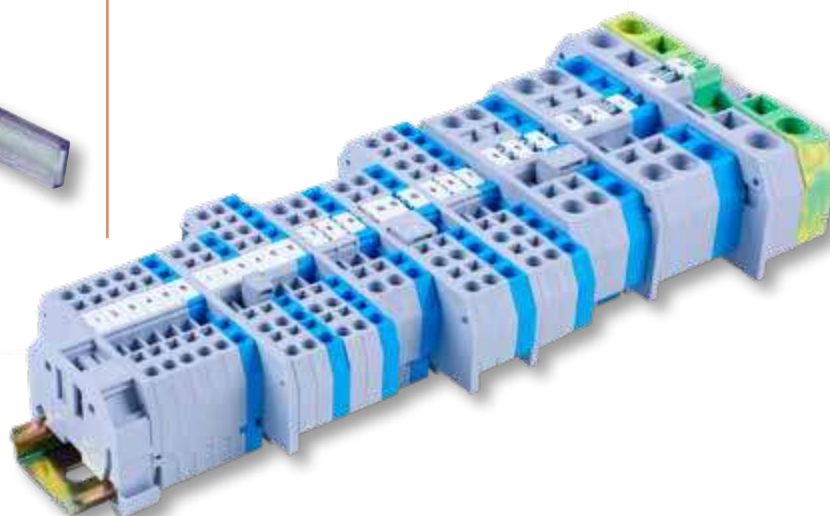
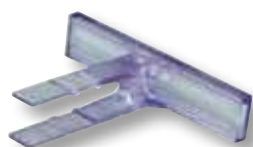
### SJ15 Oznacznik na szynę TH (podstawka i ramka)

Znacznik zatrzaskiwany na szynę montażową w celu oznaczenia szyny lub sekcji szyny. Po opisaniu kartki 13/7 (SJ15/SJ9) mm, należy umieścić w specjalnym spuszcie



### Oznacznik rzędu zacisków KJ-A

Zatrzaskiwany na blokady końcowe REC3 służy do oznaczania rzędu zacisków na etykietce 44 x 7 mm wsuwanej do odpowiedniego wycięcia.

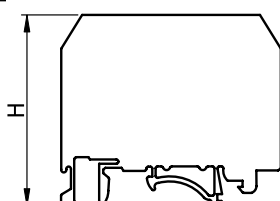
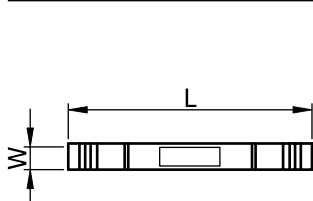


RELEVANT STANDARD  
EN 60947-7-1

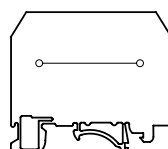
RELEVANT STANDARD  
EN 60947-7-2

| TRACON              |                        |       | $U_n$ | $I_n$ |        | mm <sup>2</sup> | W<br>(mm) | L<br>(mm) | H<br>(mm) |
|---------------------|------------------------|-------|-------|-------|--------|-----------------|-----------|-----------|-----------|
| <b>TSKC2,5</b>      | Ogólnego przeznaczenia | × 2   | 800 V | 24 A  | 0.2-4  | 0.2-2.5         | 5         | 53.5      | 32.5      |
| <b>TSKC2,5/3</b>    | Ogólnego przeznaczenia | × 3   | 800 V | 24 A  | 0.2-4  | 0.2-2.5         | 5         | 65        | 32.5      |
| <b>TSKC2,5/4</b>    | Ogólnego przeznaczenia | × 4   | 800 V | 20 A  | 0.2-4  | 0.2-2.5         | 5         | 76.5      | 33        |
| <b>TSKC4</b>        | Ogólnego przeznaczenia | × 2   | 800 V | 32 A  | 0.2-6  | 0.2-4           | 6         | 60        | 33.5      |
| <b>TSKC4/3</b>      | Ogólnego przeznaczenia | × 3   | 800 V | 32 A  | 0.2-6  | 0.2-4           | 6         | 74.5      | 33        |
| <b>TSKC4/4</b>      | Ogólnego przeznaczenia | × 4   | 800 V | 26 A  | 0.2-6  | 0.2-4           | 6         | 86.5      | 33        |
| <b>TSKC6</b>        | Ogólnego przeznaczenia | × 2   | 800 V | 41 A  | 0.2-10 | 0.2-6           | 8.2       | 73.8      | 40        |
| <b>TSKC10</b>       | Ogólnego przeznaczenia | × 2   | 800 V | 57 A  | 0.2-16 | 0.2-10          | 10        | 77.4      | 42        |
| <b>TSKC16</b>       | Ogólnego przeznaczenia | × 2   | 800 V | 76 A  | 0.2-16 | 0.2-10          | 12        | 94        | 44.8      |
| <b>TSKC2,5JD</b>    | PE                     | × 2   | –     | 24 A  | 0.2-4  | 0.2-2.5         | 5         | 53.5      | 32.5      |
| <b>TSKC2,5/3JD</b>  | PE                     | × 3   | –     | 24 A  | 0.2-4  | 0.2-2.5         | 5         | 65        | 32.5      |
| <b>TSKC2,5/4JD</b>  | PE                     | × 4   | –     | 20 A  | 0.2-4  | 0.2-2.5         | 5         | 76.5      | 33        |
| <b>TSKC4JD</b>      | PE                     | × 2   | –     | 32 A  | 0.2-6  | 0.2-4           | 6         | 60        | 33.5      |
| <b>TSKC4/3JD</b>    | PE                     | × 3   | –     | 32 A  | 0.2-6  | 0.2-4           | 6         | 74.5      | 33        |
| <b>TSKC4/4JD</b>    | PE                     | × 4   | –     | 26 A  | 0.2-6  | 0.2-4           | 6         | 86.5      | 33        |
| <b>TSKC6JD</b>      | PE                     | × 2   | –     | 41 A  | 0.2-10 | 0.2-6           | 8.2       | 73.8      | 40        |
| <b>TSKC10JD</b>     | PE                     | × 2   | –     | 57 A  | 0.2-16 | 0.2-10          | 10        | 77.4      | 42        |
| <b>TSKC16JD</b>     | PE                     | × 2   | –     | 76 A  | 0.2-16 | 0.2-10          | 12        | 94        | 44.8      |
| <b>TSKC2,5-K</b>    | Neutralne              | × 2   | 800 V | 24 A  | 0.2-4  | 0.2-2.5         | 5         | 53.5      | 32.5      |
| <b>TSKC2,5/3-K</b>  | Neutralne              | × 3   | 800 V | 24 A  | 0.2-4  | 0.2-2.5         | 5         | 65        | 32.5      |
| <b>TSKC2,5/4-K</b>  | Neutralne              | × 4   | 800 V | 20 A  | 0.2-4  | 0.2-2.5         | 5         | 76.5      | 33        |
| <b>TSKC4-K</b>      | Neutralne              | × 2   | 800 V | 32 A  | 0.2-6  | 0.2-4           | 6         | 60        | 33.5      |
| <b>TSKC4/3-K</b>    | Neutralne              | × 3   | 800 V | 32 A  | 0.2-6  | 0.2-4           | 6         | 74.5      | 33        |
| <b>TSKC4/4-K</b>    | Neutralne              | × 4   | 800 V | 26 A  | 0.2-6  | 0.2-4           | 6         | 86.5      | 33        |
| <b>TSKC6-K</b>      | Neutralne              | × 2   | 800 V | 41 A  | 0.2-10 | 0.2-6           | 8.2       | 73.8      | 40        |
| <b>TSKC10-K</b>     | Neutralne              | × 2   | 800 V | 57 A  | 0.2-16 | 0.2-10          | 10        | 77.4      | 42        |
| <b>TSKC16-K</b>     | Neutralne              | × 2   | 800 V | 76 A  | 0.2-16 | 0.2-10          | 12        | 94        | 44.8      |
| <b>TSKC2,5/3D</b>   | Ogólnego przeznaczenia | × 3   | 800 V | 24 A  | 0.2-4  | 0.2-2.5         | 5         | 50.5      | 41        |
| <b>TSKC2,5/4D</b>   | Ogólnego przeznaczenia | × 4   | 800 V | 24 A  | 0.2-4  | 0.2-2.5         | 5         | 50.5      | 41        |
| <b>TSKC4/3D</b>     | Ogólnego przeznaczenia | × 3   | 800 V | 32 A  | 0.2-6  | 0.2-4           | 6         | 62        | 41        |
| <b>TSKC2,5/3JDD</b> | PE                     | × 3   | –     | 24 A  | 0.2-4  | 0.2-2.5         | 5         | 50.5      | 41        |
| <b>TSKC4/3JDD</b>   | PE                     | × 3   | –     | 32 A  | 0.2-6  | 0.2-4           | 6         | 62        | 41        |
| <b>TSKC2,5/3D-K</b> | Neutralne              | × 3   | 800 V | 24 A  | 0.2-4  | 0.2-2.5         | 5         | 50.5      | 41        |
| <b>TSKC2,5/4D-K</b> | Neutralne              | × 4   | 800 V | 24 A  | 0.2-4  | 0.2-2.5         | 5         | 50.5      | 41        |
| <b>TSKC4/3D-K</b>   | Neutralne              | × 3   | 800 V | 32 A  | 0.2-6  | 0.2-4           | 6         | 62        | 41        |
| <b>TSKC2,5E</b>     | Dwupoziomowe           | 2 × 2 | 500 V | 20 A  | 0.2-4  | 0.2-2.5         | 5         | 75        | 44        |
| <b>TSKC4E</b>       | Dwupoziomowe           | 2 × 2 | 500 V | 26 A  | 0.2-6  | 0.2-4           | 6         | 83        | 43        |
| <b>TSKC2,5EE</b>    | Potrójne               | 3 × 2 | 500 V | 20 A  | 0.2-4  | 0.2-2.5         | 5         | 104       | 55        |
| <b>TSKC4B</b>       | Bezpiecznikowy         | × 2   | 250 V | 6.3 A | 0.2-6  | 0.2-4           | 6         | 60        | 83        |
| <b>TSKC6B</b>       | Bezpiecznikowy         | × 2   | 220 V | 10 A  | 0.2-10 | 0.2-6           | 12.8      | 62.3      | 60        |
| <b>TSKC6S</b>       | Pomiarowy              | × 2   | 400 V | 41 A  | 0.2-10 | 0.2-6           | 8         | 86        | 42        |

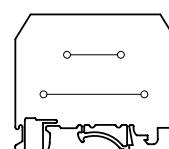
Spis  
piktogramów **A/O**



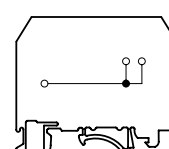
Ogólnego przeznaczenia, neutralne



Dwupoziomowe



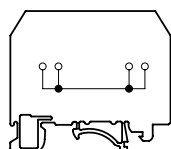
Potrójne



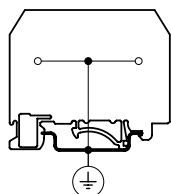


|    |           |        |        |                |                  | TRACON       |
|----|-----------|--------|--------|----------------|------------------|--------------|
| 8  | VLC2,5    | SFC2,5 | AHC2,5 | TSKCJS         | REC1, REC2, REC3 | TSKC2,5      |
| 9  | VLC2,5/3  | SFC2,5 | AHC2,5 | TSKCJS         | REC1, REC2, REC3 | TSKC2,5/3    |
| 9  | VLC2,5/4  | SFC2,5 | AHC2,5 | TSKCJS         | REC1, REC2, REC3 | TSKC2,5/4    |
| 10 | VLC4      | SFC4   | AHC4   | TSKCJS         | REC1, REC2, REC3 | TSKC4        |
| 10 | VLC4/3    | SFC4   | AHC4   | TSKCJS         | REC1, REC2, REC3 | TSKC4/3      |
| 10 | VLC4/4    | SFC4   | AHC4   | TSKCJS         | REC1, REC2, REC3 | TSKC4/4      |
| 10 | VLC6      | SFC6   | AHC6   | TSKCJS         | REC1, REC2, REC3 | TSKC6        |
| 12 | VLC10     | SFC10  | AHC10  | TSKCJS         | REC1, REC2, REC3 | TSKC10       |
| 14 | VLC16     | SFC16  | AHC16  | TSKCJS         | REC1, REC2, REC3 | TSKC16       |
| 8  | -         | -      | -      | TSKCJS         | REC1, REC2, REC3 | TSKC2,5JD    |
| 9  | -         | -      | -      | TSKCJS         | REC1, REC2, REC3 | TSKC2,5/3JD  |
| 9  | -         | -      | -      | TSKCJS         | REC1, REC2, REC3 | TSKC2,5/4JD  |
| 10 | -         | -      | -      | TSKCJS         | REC1, REC2, REC3 | TSKC4JD      |
| 9  | -         | -      | -      | TSKCJS         | REC1, REC2, REC3 | TSKC4/3JD    |
| 10 | -         | -      | -      | TSKCJS         | REC1, REC2, REC3 | TSKC4/4JD    |
| 10 | -         | -      | -      | TSKCJS         | REC1, REC2, REC3 | TSKC6JD      |
| 12 | -         | -      | -      | TSKCJS         | REC1, REC2, REC3 | TSKC10JD     |
| 14 | -         | -      | -      | TSKCJS         | REC1, REC2, REC3 | TSKC16JD     |
| 8  | VLC2,5    | SFC2,5 | AHC2,5 | TSKCJS         | REC1, REC2, REC3 | TSKC2,5-K    |
| 9  | VLC2,5/3  | SFC2,5 | AHC2,5 | TSKCJS         | REC1, REC2, REC3 | TSKC2,5/3-K  |
| 9  | VLC2,5/4  | SFC2,5 | AHC2,5 | TSKCJS         | REC1, REC2, REC3 | TSKC2,5/4-K  |
| 10 | VLC4      | SFC4   | AHC4   | TSKCJS         | REC1, REC2, REC3 | TSKC4-K      |
| 9  | VLC4/3    | SFC4   | AHC4   | TSKCJS         | REC1, REC2, REC3 | TSKC4/3-K    |
| 10 | VLC4/4    | SFC4   | AHC4   | TSKCJS         | REC1, REC2, REC3 | TSKC4/4-K    |
| 10 | VLC6      | SFC6   | AHC6   | TSKCJS         | REC1, REC2, REC3 | TSKC6-K      |
| 12 | VLC10     | SFC10  | AHC10  | TSKCJS         | REC1, REC2, REC3 | TSKC10-K     |
| 14 | VLC16     | SFC16  | AHC16  | TSKCJS         | REC1, REC2, REC3 | TSKC16-K     |
| 9  | VLC2,5/3D | SFC2,5 | AHC2,5 | TSKCJS         | REC1, REC2, REC3 | TSKC2,5/3D   |
| 9  | VLC2,5/3D | -      | -      | TSKCJS         | REC1, REC2, REC3 | TSKC2,5/4D   |
| 9  | VLC4/3D   | SFC4   | AHC4   | TSKCJS         | REC1, REC2, REC3 | TSKC4/3D     |
| 9  | VLC2,5/3D | -      | -      | TSKCJS         | REC1, REC2, REC3 | TSKC2,5/3JDD |
| 9  | VLC4/3D   | -      | -      | TSKCJS         | REC1, REC2, REC3 | TSKC4/3JDD   |
| 9  | VLC2,5/3D | SFC2,5 | AHC2,5 | TSKCJS         | REC1, REC2, REC3 | TSKC2,5/3D-K |
| 9  | VLC2,5/3D | -      | -      | TSKCJS         | REC1, REC2, REC3 | TSKC2,5/4D-K |
| 9  | VLC4/3D   | SFC4   | AHC4   | TSKCJS         | REC1, REC2, REC3 | TSKC4/3D-K   |
| 9  | VLC2,5E   | SFC2,5 | AHC2,5 | TSKCJS+TSKC-EJ | REC1, REC2, REC3 | TSKC2,5E     |
| 10 | VLC4E     | SFC4   | AHC4   | TSKCJS+TSKC-EJ | REC1, REC2, REC3 | TSKC4E       |
| 9  | VLC2,5EE  | SFC2,5 | AHC2,5 | TSKCJS+TSKC-EJ | REC1, REC2, REC3 | TSKC2,5EE    |
| 10 | VLC4      | -      | -      | -              | REC1, REC2, REC3 | TSKC4B       |
| 9  | VLC6B     | SFC6   | AHC6   | TSKCJS         | REC1, REC2, REC3 | TSKC6B       |
| 11 | VLC6S     | SFC6   | AHC6   | TSKCJS         | REC1, REC2, REC3 | TSKC6S       |

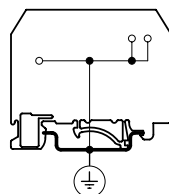
Poczwórne, PE



PE



Potrójne, PE



Poczwórne, PE

