

product type designation

product description



IE FC RJ45 Plug 180 (4x2)

RJ45 data connector

Industrial Ethernet FastConnect RJ45 plug 180 4x 2, RJ45 plug-in connector; CAT6A; (10/100/1000/10000 Mbit/s) with rugged metal enclosure and FC connection system, for IE FC TP Cable 4x 2 (AWG24); 180° cable outlet 1 pack = 50 units.

suitability for use

For connection to IE FC TP cables 4x2, suitable for fast assembly with the FastConnect system

transfer rate

transfer rate / for Industrial Ethernet

10 Mbit/s, 100 Mbit/s, 1000 Mbit/s, 10000 Mbit/s

interfaces

number of electrical connections

- for Industrial Ethernet FC TP cables
- for network components or terminal equipment

1
1

type of electrical connection

- for Industrial Ethernet FC TP cables
- for network components or terminal equipment

Integrated insulation-displacement contacts for 8-wire (AWG24) and 4-wire (AWG22) TP FC installation cables
RJ45 connector

type of electrical connection / FastConnect

Yes

mechanical data

material / of the enclosure

metal

number of reuses

10

locking mechanism design

other

design, dimensions and weights

type of cable outlet

180° cable outlet

width

13.7 mm

height

16 mm

depth

55 mm

net weight

35 g

connectable cable cross-section

6.5 ... 8 mm

connectable conductor cross-section

0.21 ... 0.33 mm²

ambient conditions

ambient temperature

- during operation
- during storage
- during transport

-40 ... +85 °C
-40 ... +85 °C
-40 ... +85 °C

relative humidity

- at 25 °C / without condensation / during operation / maximum

95 %

protection class IP

IP20

product features, product functions, product components / general

product feature

- PoE capability
- PoE+capability
- silicon-free

Yes
Yes
Yes

product component																
• strain relief	Yes															
standards, specifications, approvals																
certificate of suitability																
• RoHS conformity	Yes															
• UL approval	Yes															
• cULus approval	Yes															
• railway application in accordance with EN 50155	No															
standard for structured cabling	Cat6A															
further information / internet links																
internet link																
• to website: Selection guide for cables and connectors	https://support.industry.siemens.com/cs/ww/en/view/109766358															
• to website: Industrial communication	https://www.siemens.com/simatic-net															
• to web page: SiePortal	https://sieportal.siemens.com															
• to website: Image database	https://www.automation.siemens.com/bilddb															
• to website: CAX-Download-Manager	https://www.siemens.com/cax															
• to website: Industry Online Support	https://support.industry.siemens.com															
security information																
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Environment	Industrial Communication															
Confirmation	PROFINET															
last modified:																
5/18/2024 																