

## Splice box - FOC-FDX20-PP-LCQ6-OM4-PT9 - 1019708

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DIN rail splice box, fully mounted ready to splice, for 12x LC duplex (OM4)

DIN rail splice box 12x LC duplex,  
including pigtails and splice holder

### Product Description

DIN rail splice box of the FDX 20 series, equipped with 12x LC duplex couplings, fully assembled and ready for splicing, with pre-assembled 900 µm pigtails (OM4) and splice holder (for separately sold shrink and crimp splice protection) on a patented splice comb made from powder-coated sheet steel. Cable insertion via cable gland either at top or bottom. Housing (2-part) prepared for DIN rail mounting through rear-side adapter (this can also be mounted on the side).

#### Scope of supply:

DIN rail housing with integrated splice comb (mounted), equipped with 12x LC duplex couplings, 24x pigtail (OM4), 2x splice holder, 1x cable gland (M20x1.5)

### Your advantages

- ✓ Intuitive front panel operation and clear control cabinet layout thanks to uniform design
- ✓ Flexible DIN rail mounting possible in three positioning directions
- ✓ Perfectly sized and patented pigtail tray, for convenient splicing and compact bending radii.
- ✓ 12 duplex front connections and compact dimensions, for more space in the control cabinet
- ✓ Suitable for industrial applications
- ✓ Reduced installation time, thanks to pre-assembled, ready-to-splice design
- ✓ Continuously reliable data connection, thanks to extensively tested components
- ✓ 3-stage strain relief
- ✓ easy to install
- ✓ including cable gland
- ✓ Small bunched wire tube is guided directly on the splice holder



### Key Commercial Data

|              |                                                                                      |
|--------------|--------------------------------------------------------------------------------------|
| Packing unit | 1 pc                                                                                 |
| GTIN         |  |
| GTIN         | 4055626701066                                                                        |

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## Technical data

### Mechanical characteristics

|                                        |                       |
|----------------------------------------|-----------------------|
| Connection method                      | Cable gland M20       |
| Number of slots                        | 24                    |
| Minimum external conductor diameter    | 6 mm                  |
| Maximum external conductor diameter    | 12 mm                 |
| Cable outlet                           | above and below       |
| No. of cable outlets                   | 2                     |
| Weight                                 | 754.5 g               |
| Type                                   | Rail-mountable module |
| Flammability rating according to UL 94 | V0                    |

### Ambient conditions

|                                         |                               |
|-----------------------------------------|-------------------------------|
| Ambient temperature (operation)         | -40 °C ... 85 °C              |
| Ambient temperature (assembly)          | 0 °C ... 50 °C                |
| Ambient temperature (storage/transport) | -40 °C ... 85 °C              |
| Degree of protection                    | IP20 (according to IEC 60529) |

### Material data

|                          |                                                    |
|--------------------------|----------------------------------------------------|
| Housing material         | Sheet steel                                        |
| Housing surface material | Powder-coated, gray                                |
| Width                    | 40.2 mm                                            |
| Height                   | 130.2 mm                                           |
| Depth                    | 112.3 mm                                           |
| Mounting type            | DIN rail mounting                                  |
| Assembly instructions    | Option for flexible replugging of DIN rail adapter |

### Line characteristics

|                     |                                 |
|---------------------|---------------------------------|
| Type of cable       | For all common cable types      |
| Cable type          | Multimode fiberglass            |
| Cable structure     | Semi-loose compact wires (STB)  |
| Wire colors         | Color coded                     |
| Transmission medium | FO                              |
| Number of fibers    | 24                              |
| Fiber type          | Multi-mode 50/125 µm fiberglass |
| Fiber               | GOF                             |
| Attenuation         | ≤ 0.3 dB (at 850 nm / 1300 nm)  |

### Standards and Regulations

|                                        |                   |
|----------------------------------------|-------------------|
| Flame resistance                       | yes               |
| Resistance to UV radiation             | yes               |
| Halogen-free                           | yes               |
| Flammability rating according to UL 94 | V0                |
| Assignment plan                        | yes International |

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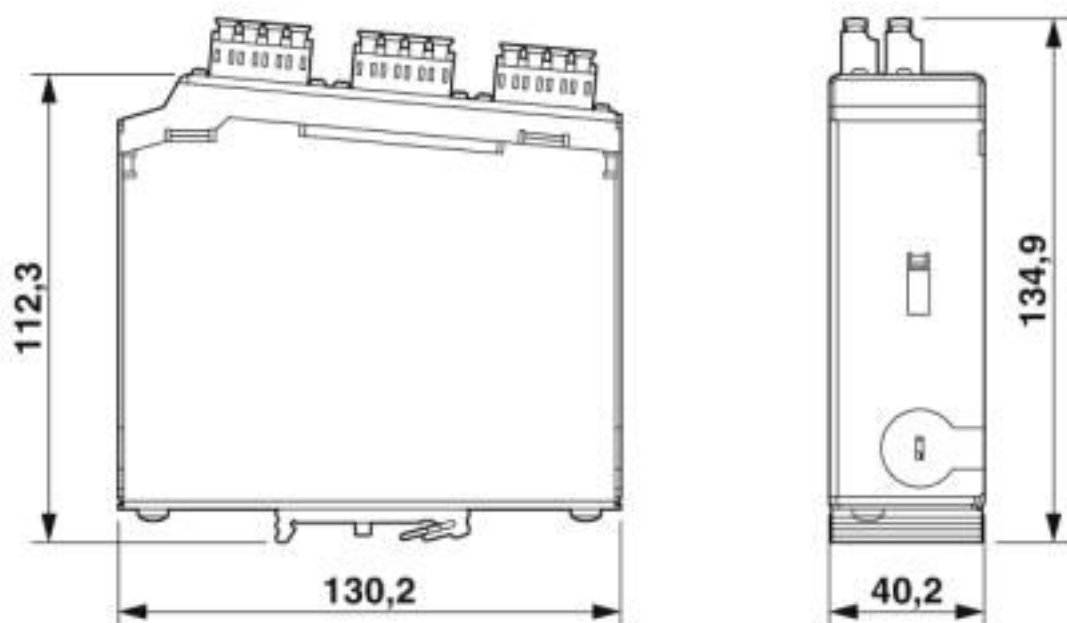
### Technical data

#### Environmental Product Compliance

|            |                                                         |
|------------|---------------------------------------------------------|
| China RoHS | Environmentally friendly use period: unlimited = EFUP-e |
|            | No hazardous substances above threshold values          |

### Drawings

Dimensional drawing



DIN rail splice box 6x LC quad OM4, fully mounted ready to splice

### Classifications

#### eCl@ss

|               |          |
|---------------|----------|
| eCl@ss 10.0.1 | 19170113 |
| eCl@ss 11.0   | 19170113 |
| eCl@ss 6.0    | 19069200 |
| eCl@ss 7.0    | 19069290 |
| eCl@ss 8.0    | 19069290 |
| eCl@ss 9.0    | 19069290 |

#### ETIM

|          |          |
|----------|----------|
| ETIM 5.0 | EC002610 |
| ETIM 6.0 | EC002610 |
| ETIM 7.0 | EC002610 |

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## Approvals

Approvals

Approvals

EAC

Ex Approvals

## Approval details

|     |                                                                                   |         |
|-----|-----------------------------------------------------------------------------------|---------|
| EAC |  | B.01687 |
|-----|-----------------------------------------------------------------------------------|---------|

## Accessories

### Accessories

Data cable preassembled

FO patch cable - FOC-LC:PA-LC:PA-OM4:D01/1 - 1115625



Multi-mode OM4 duplex jumper, LC-LC, UPC polishing, length 1 m

FO patch cable - FOC-LC:PA-SC:PA-OM4:D01/1 - 1115601



Multi-mode OM4 duplex jumper, LC-SC, UPC polishing, length 1 m

FO patch cable - FOC-LC:PA-LC:PA-OM4:D01/2 - 1115624



Multi-mode OM4 duplex jumper, LC-LC, UPC polishing, length 2 m

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### Accessories

FO patch cable - FOC-LC:PA-SC:PA-OM4:D01/2 - 1115600



Multi-mode OM4 duplex jumper, LC-SC, UPC polishing, length 2 m

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FO patch cable - FOC-LC:PA-LC:PA-OM4:D01/5 - 1115621



Multi-mode OM4 duplex jumper, LC-LC, UPC polishing, length 5 m

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FO patch cable - FOC-LC:PA-SC:PA-OM4:D01/5 - 1115598



Multi-mode OM4 duplex jumper, LC-SC, UPC polishing, length 5 m

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### Necessary add-on products

Shrink splice protection - FOC-SHRINKSPLICE-PROTECT - 1019676



Shrink splice protection, type: Straight, degree of protection: IP20, cable outlet: above and below, color: transparent

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Crimp splice protection - FOC-CRIMPSPLICE-PROTECT - 1019678



Crimp splice protection, type: Straight, degree of protection: IP20, connection method: Crimp, cable outlet: above and below, color: Bare metallic

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### Additional products

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### Accessories

FO patch cable - FOC-LC:A-LC:A-GZ03/... - 1405690



Assembled FO cable, zip cord cable, multi-mode fiberglass 50/125 µm, OM4, plug: LC/LC, degree of protection: IP20, for installation in cable ducts or control cabinets

FO patch cable - FOC-SC:A-LC:A-GZ03/... - 1405693



Assembled FO cable, zip cord cable, multi-mode fiberglass 50/125 µm, OM4, plug: SC/LC, degree of protection: IP20, for installation in cable ducts or control cabinets

FO patch cable - FOC-LC:A-SJ:A-GZ03/... - 1405696



Assembled FO cable, zip cord cable, multi-mode fiberglass 50/125 µm, OM4, plug: LC/SC-RJ, degree of protection: IP20, for installation in cable ducts or control cabinets

FO accessories - FOC-TOOL-FERRULECLEANER-1.25 - 1407032



Ferrule cleaner, 1.25 mm, for LC, approx. 500 cleaning cycles

FO accessories - FOC-TOOL-STICKCLEANER-1.25 - 1407000



Stick cleaner for couplings and plug end faces, 1.25 mm (LC), Pcs. / Pkt.: 10

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### Accessories

Screw plug - A-INSP-M20-68N-P-LG - 1424519



Screw plug, material: PA, connecting thread: M20 x 1.5, color: lightgrey RAL 7035, with O-ring

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Nut - WP-CN PA M20 - 3241134



Nut, height: 6 mm, color: gray

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Philips screwdriver - SF-PH 1-80 - 1212559



Screwdriver, PH crosshead (lasered), uninsulated, size: PH 1 x 80, 2-component grip, with non-slip grip

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Screwdriver - SF-SL 1,0X5,5-150 - 1212552



Screwdriver, bladed (lasered), size: 1.0 x 5.5 x 150 mm, 2-component grip, with non-slip grip

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End clamp - E/NS 35 N - 0800886



End clamp, width: 9.5 mm, color: gray

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### Accessories

#### DIN rail adapter - NBC-PP-G1PGY - 1041740



DIN rail adapter, type: Headers with shielding, degree of protection: IP20, material: PC-GF10, without assembled modules

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#### DIN rail adapter - FL DIN RA - 2891053



The FL DIN RA is installed in a standard, 19-inch rack (EIA-310-D, IEC 60297-3-100) to allow DIN rail mounted equipment to be rack mounted.

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#### DIN rail adapter - NBC-PP-G1PGY - 1041740



DIN rail adapter, type: Headers with shielding, degree of protection: IP20, material: PC-GF10, without assembled modules

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#### Cable gland - G-INS-M20-S68N-PNES-GY - 1411125



Cable gland, cable gland material: PA, external cable diameter 6 mm ... 12 mm, shielding: no, connecting thread: M20 x 1.5, color: silver-gray RAL 7001

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#### Marking foil for zack marker strip - TML (104X10)R - 0801835



Marking foil for zack marker strip, Roll, white, unlabeled, can be labeled with: THERMOMARK ROLL 2.0, THERMOMARK ROLL, THERMOMARK ROLL X1, THERMOMARK ROLLMASTER 300/600, THERMOMARK X1.2, mounting type: adhesive, for terminal block width: 104 mm, lettering field size: 104 x 10 mm, Number of individual labels: 1500

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### Accessories

Marking foil for zack marker strip - TML (EX9,5)R TR - 0816634



Marking foil for zack marker strip, Roll, transparent, unlabeled, can be labeled with: THERMOMARK ROLL 2.0, THERMOMARK ROLL, THERMOMARK ROLL X1, THERMOMARK ROLLMASTER 300/600, THERMOMARK X1.2, mounting type: adhesive, for terminal block width: 30000 mm, lettering field size: 40000 x 9.5 mm, Number of individual labels: 4000

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Safety label with special adhesive - EMLS (70X32)R SR - 0800346



Safety label with special adhesive, Roll, silver, unlabeled, can be labeled with: THERMOMARK ROLLMASTER 300/600, THERMOMARK X1.2, THERMOMARK ROLL X1, THERMOMARK ROLL 2.0, THERMOMARK ROLL, mounting type: adhesive, lettering field size: 70 x 32 mm, Number of individual labels: 500

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Label for rough surfaces - EML-HA (76X51)R - 0830609



Label for rough surfaces, Roll, white, unlabeled, can be labeled with: THERMOMARK ROLLMASTER 300/600, THERMOMARK X1.2, THERMOMARK ROLL X1, THERMOMARK ROLL 2.0, THERMOMARK ROLL, mounting type: adhesive, lettering field size: 76 x 51 mm, Number of individual labels: 1000

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Warning label - PML-W100 (25X25)R - 0830429



Warning label, Roll, yellow/black, unlabeled, can be labeled with: THERMOMARK ROLLMASTER 300/600, THERMOMARK X1.2, THERMOMARK ROLL X1, THERMOMARK ROLL 2.0, THERMOMARK ROLL, mounting type: adhesive, diameter: 0 mm, lettering field size: 25 x 25 mm, Number of individual labels: 500

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Device marker - LS-EMLP (60X15) WH - 0831696



Device marker, Sheet, white, unlabeled, can be labeled with: TOPMARK NEO, TOPMARK LASER, mounting type: adhesive, lettering field size: 60 x 15 mm, Number of individual labels: 20

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### Accessories

Cable marker - WML-RFID/HF 14 (25X19)R - 0803386



Cable marker label with RFID-HF transponder, roll, white, unmarked, can be printed with: THERMOMARK ROLL, THERMOMARK ROLL X1, THERMOMARK X1.2, mounting type: adhesive, min. cable diameter: 9 mm, max. cable diameter: 14 mm, lettering field size: 25 x 19 mm

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PHOENIX CONTACT GmbH & Co. KG  
Flachsmarktstr. 8  
32825 Blomberg  
Germany  
Tel. +49 5235 300  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.com>