

Splice box - FOC-FDX20-PP-LCQ6-OSP-PT9 - 1019707

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DIN rail splice box, fully mounted ready to splice, for 12x LC duplex (OS2)

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 a 12x LC duplex coupling, fully assembled and ready for splicing with pre-assembled 900 µm pigtails (OS2) and splice holder (for separately sold shrink und crimp splice protection) on a patented splice comb made from powder-coated sheet steel. Cable insertion possible by means of screw connection on top and 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 a 12x LC duplex coupling, 24x pigtail (OS2), 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 |  4 055626 701073 |
| GTIN | 4055626701073 |

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Technical data

Mechanical characteristics

| | |
|------------------------------|--|
| Number of slots | 12 |
| Connection profile | LC connectors |
| Fiber type | Single-mode fiberglass, resistant to bending G.657 A2 |
| Ferrule diameter | 1.25 mm |
| Insertion/withdrawal cycles | ≥ 500 |
| Connection method | Cable gland M20 |
| External cable diameter | 6 mm ... 12 mm |
| Cable outlet | above and below |
| Type of cable | For all common cable types |
| Cable structure | Semi-loose compact wires (STB) |
| Color | traffic grey A RAL 7042 |
| Mounting type | DIN rail mounting |
| Degree of protection | IP20 |
| Type | Rail-mountable module |
| No. of cable outlets | 2 |
| Type of the screw connection | M20 x 1.5 |
| Type of note | Order information: |
| Note | In addition, shrink splice protection (Order No.: 1019676) or crimp splice protection (Order No.: 1019678) must be ordered separately. |

Ambient conditions

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

Material data

| | |
|--|---------------------|
| Flammability rating according to UL 94 | V0 |
| Housing material | Sheet steel |
| Housing surface material | Powder-coated, gray |
| Ferrule material | Zirconia ceramics |
| Housing width | 40 mm |
| Depth | 115 mm |
| Height | 130 mm |

Line characteristics

| | |
|---------------------|---|
| Type of cable | For all common cable types |
| Cable type | Single-mode fiberglass |
| Cable structure | Semi-loose compact wires (STB) |
| Wire colors | Color coded |
| Transmission medium | FO |
| Number of fibers | 24 |
| Fiber type | Single-mode fiberglass, resistant to bending G.657 A2 |

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Technical data

Line characteristics

| | |
|-------------|---------------------------------|
| Fiber | GOF |
| Attenuation | ≤ 0.3 dB (at 1310 nm / 1550 nm) |

Standards and Regulations

| | |
|--|---------------------------|
| Resistance to UV radiation | yes |
| Flammability rating according to UL 94 | V0 |
| Shock | DIN EN 61300-2-9: 2015-09 |
| Assignment plan | yes International |

Environmental Product Compliance

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

Approvals

Approvals

Approvals

EAC

Ex Approvals

Approval details

| | | |
|-----|--|---------|
| EAC | | B.01742 |
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