

Splice box - FOC-FDX20-PP-LCD6-OSP-PT9 - 1019711

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DIN rail splice box, fully mounted ready to splice, for 6x LC duplex (OS2)

DIN rail splice box 6x LC duplex,
including pigtails and splice holder

Product Description

DIN rail splice box of the FDX 20 series, equipped with 6x LC duplex couplings, fully assembled and ready for splicing, with pre-assembled 900 µm pigtails (OS2) 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 6x LC duplex couplings, 12x pigtail (OS2), 1x 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.
- ✓ 6 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 701035
GTIN	4055626701035

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Technical data

Mechanical characteristics

Number of slots	6
Connection profile	LC-Duplex
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	12
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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