

Splice box - FOC-FDX20-PP-LCQ6-OM2-PT9 - 1019709

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DIN rail splice box, fully mounted ready to splice, for 12x LC duplex (OM2)

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 (OM2) 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 (OM2), 2x splice holder, 1x cable gland (M20x1.5)

Why buy this product

- ✓ 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
- ✓ easy to install
- ✓ including cable gland

Key Commercial Data

Packing unit	1 STK
GTIN	
GTIN	4055626701059
Weight per Piece (excluding packing)	760.000 g
Custom tariff number	85367000
Country of origin	Germany

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Technical data

Mechanical characteristics

Number of slots	12
Connection profile	LC connectors
Fiber type	GOF
Fiber	50/125 µm OM2
Ferrule diameter	1.25 mm
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)	-25 °C ... 70 °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
Fiber	50/125 µm OM2

Line characteristics

Type of cable	For all common cable types
Cable type	Multimode fiberglass

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Technical data

Line characteristics

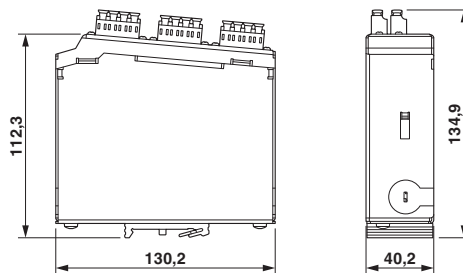
Cable structure	Semi-loose compact wires (STB)
Wire colors	Color coded
Transmission medium	FO
Number of fibers	24
Fiber type	Multi-mode 50/125 µm fiberglass
Fiber	GOF

Standards and Regulations

Resistance to UV radiation	yes
Flammability rating according to UL 94	V0

Drawings

Dimensional drawing



DIN rail splice box 6x LC quad OM2, fully mounted ready to splice

Classifications

eCl@ss

eCl@ss 8.0	19069290
eCl@ss 9.0	19069290

Accessories

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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Accessories

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

Additional products

FO patch cable - FOC-LC:A-LC:A-GZ01/... - 1405688



Assembled FO cable, zip cord cable, multi-mode fiberglass 50/125 µm, OM2, plug: LC/LC, degree of protection: IP20, for installation in cable ducts or control cabinets

FO patch cable - FOC-ST:A-LC:A-GZ01/... - 1405706



Assembled FO cable, zip cord cable, multi-mode fiberglass 50/125 µm, OM2, plug: B-FOC (ST)/LC, degree of protection: IP20, for installation in cable ducts or control cabinets

FO patch cable - FOC-SC:A-LC:A-GZ01/... - 1405691



Assembled FO cable, zip cord cable, multi-mode fiberglass 50/125 µm, OM2, plug: SC duplex/LC, degree of protection: IP20, for installation in cable ducts or control cabinets

FO patch cable - FOC-LC:A-SJ:A-GZ01/... - 1405694



Assembled FO cable, zip cord cable, multi-mode fiberglass 50/125 µm, OM2, plug: LC/SC-RJ, degree of protection: IP20, for installation in cable ducts or control cabinets

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Accessories

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

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



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

Nut - WP-CN PA M20 - 3241134



Nut, height: 6 mm, color: gray

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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Accessories

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

End clamp - E/NS 35 N - 0800886



End clamp, width: 9.5 mm, color: gray

DIN rail adapter - NBC-PP-G1PGY - 1041740



DIN rail adapter, type: Headers with shielding, degree of protection: IP20, material: PC-GF10

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.

DIN rail adapter - NBC-PP-G1PGY - 1041740



DIN rail adapter, type: Headers with shielding, degree of protection: IP20, material: PC-GF10

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Accessories

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

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, THERMOMARK ROLL X1, THERMOMARK ROLLMASTER 300/600, THERMOMARK X1.2, THERMOMARK S1.1, mounting type: adhesive, for terminal block width: 104 mm, lettering field size: 104 x 10 mm

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, THERMOMARK ROLL X1, THERMOMARK ROLLMASTER 300/600, THERMOMARK X1.2, THERMOMARK S1.1, mounting type: adhesive, for terminal block width: 30000 mm, lettering field size: 40000 x 9.5 mm

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



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

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



Label for rough surfaces, Roll, white, unlabeled, can be labeled with: THERMOMARK ROLL, THERMOMARK ROLL X1, THERMOMARK ROLLMASTER 300/600, THERMOMARK X1.2, THERMOMARK S1.1, mounting type: adhesive, lettering field size: 76 x 51 mm

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Accessories

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



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

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



Device marker, Sheet, white, unlabeled, can be labeled with: TOPMARK LASER, mounting type: adhesive, lettering field size: 60 x 15 mm

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
