

## Splice box - FOC-FDX20-PP-STD6-OM2-PT9 - 1019683

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DIN rail splice box, fully mounted ready to splice, for 6x ST duplex (OM2)

DIN rail splice box 6x ST duplex, including pigtailed and splice holder

### Product Description

DIN rail splice box of the FDX 20 series, equipped with 6x ST duplex couplings, fully assembled and ready for splicing, with pre-assembled 900 µm pigtailed (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 6x ST duplex couplings, 12x pigtail (OM2), 1x 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.
- ✓ 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
- ✓ easy to install
- ✓ including cable gland

### Key Commercial Data

Packing unit	1 STK
GTIN	 4 055626 701141
GTIN	4055626701141
Custom tariff number	85367000
Country of origin	Germany

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### Technical data

#### Mechanical characteristics

Number of slots	6
Connection profile	ST / BFOC (ST®) connectors
Fiber type	GOF
Fiber	50/125 µm OM2
Ferrule diameter	2.50 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

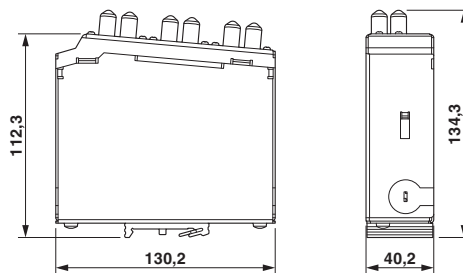
Cable structure	Semi-loose compact wires (STB)
Wire colors	Color coded
Transmission medium	FO
Number of fibers	12
Fiber type	Multi-mode 50/125 µm fiberglass
Fiber	GOF

### Standards and Regulations

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

## Drawings

Dimensional drawing



DIN rail splice box 6x ST duplex 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

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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

FO patch cable - FOC-ST:A-ST:A-GZ01/... - 1405712



Assembled FO cable, zip cord cable, multi-mode fiberglass 50/125  $\mu\text{m}$ , OM2, plug: B-FOC (ST)/B-FOC (ST), degree of protection: IP20, for installation in cable ducts or control cabinets

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



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

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FO patch cable - FOC-ST:A-SC:A-GZ01/... - 1405708



Assembled FO cable, zip cord cable, multi-mode fiberglass 50/125  $\mu\text{m}$ , OM2, plug: B-FOC (ST)/SC duplex, degree of protection: IP20, for installation in cable ducts or control cabinets

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FO patch cable - FOC-ST:A-SJ:A-GZ01/... - 1405710



Assembled FO cable, zip cord cable, multi-mode fiberglass 50/125  $\mu\text{m}$ , OM2, plug: B-FOC (ST)/SC-RJ, degree of protection: IP20, for installation in cable ducts or control cabinets

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### Accessories

FO accessories - FOC-TOOL-FERRULECLEANER-2.50 - 1407029



2.50 mm ferrule cleaner, for ST, SC, FC, E2000 (also APC), approx. 500 cleaning cycles

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FO accessories - FOC-TOOL-STICKCLEANER-2.50 - 1407002



Stick cleaner for couplings and plug end faces, 2.50 mm (ST, SC), Pcs. / Pkt.: 10

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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

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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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## Splice box - FOC-FDX20-PP-STD6-OM2-PT9 - 1019683

### 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

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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

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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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