

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



1019709

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Splice box, design: Rail-mountable module, degree of protection: IP20, material: Metal, connection method: Splicing, cable outlet: above and below, housing size: 1, color: gray, Ethernet

## Product description

FDX 20 series DIN rail splice box, assembled with 6x LC quad coupling, fully assembled and ready for splicing with pre-assembled 900 µm pigtails (OM2) and splice holder for separately available shrink and crimp splicing protection, on a patented splice comb made from powder-coated sheet steel. Cable insertion possible via cable gland from above or below. Housing, 2-part, prepared for DIN rail mounting through the rear-side adapter. The adapter can also be mounted on the side.

### Scope of supply:

DIN rail housing with integrated splice comb (mounted), assembled with 6x LC quad coupling, 24x pigtail (OM2), 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 six positioning directions
- Suitable for industrial applications
- Reduced installation time with plug-and-play
- Pin assignment straight in line in a link
- Continuously reliable data connection, thanks to extensively tested components
- Snap-on mounting on standard NS 35/7,5 or NS 35/15 DIN rails
- Transmission rate up to 1000 Mbps

## Commercial data

Item number	1019709
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB15
Product key	ABNGAA
Catalog page	Page 381 (C-2-2019)
GTIN	4055626701059
Weight per piece (including packing)	765.1 g
Weight per piece (excluding packing)	577 g
Customs tariff number	85367000
Country of origin	DE

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## Technical data

### Notes

Order information:	In addition, shrink splice protection (Item No.: 1019676) or crimp splice protection (Item No.: 1019678) must be ordered separately.
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### Product properties

Product type	Network distributor box
Housing type	DIN rail adapter
Series	FDX 20 series
Type	Rail-mountable module
Sensor type	Ethernet
Connection profile	LC-Duplex
No. of cable outlets	2
No. of conductors	24
Number of module slots	12
Number of slots	24
Type of the screw connection	M20 x 1.5
Protective cover	yes
Cable outlet	above and below

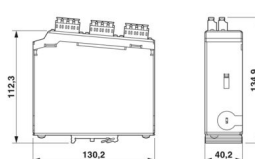
### Electrical properties

Attenuation	≤ 0.3 dB
Transmission medium	FO

### Connection data

Connection technology	
Connection method	Splicing

### Dimensions

Dimensional drawing	
Width	40 mm
Height	130 mm
Depth	115 mm

### Housing

Housing width	40 mm
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### Mechanical characteristics

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Ferrule diameter	1.25 mm
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## Material specifications

Color	gray
Flammability rating according to UL 94	V0
Ferrule material	Zirconia ceramics
Housing material	Metal
Housing surface material	Powder-coated, gray

## Cable/line

Cable type	Multimode fiberglass
Cable type	900 µm
Cable structure	semi-loose compact wires (STB)
External cable diameter	6 mm ... 12 mm
External cable diameter	6 mm ... 12 mm
Wire diameter incl. insulation	900 µm
Individual wire diameter	900 µm (250/900 µm)
Single wire, color	Assignment color-coded in accordance with IEC 60794-2
Halogen-free	yes
Flame resistance	yes

## FO cable

Number of fibers	24
Fiber	GOF
Fiber type	Multi-mode 50/125 µm fiberglass
Attenuation	≤ 0.3 dB (at 850 nm / 1300 nm)
Return Loss	≥ 35 dB (at 850 nm / 1300 nm)
Transmission medium	FO

## Mechanical properties

### Mechanical data

Type of the screw connection	M20 x 1.5
Insertion/withdrawal cycles	≥ 500

## Characteristics

Attenuation	≤ 0.3 dB
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## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP20 (according to IEC 60529) IP20
Ambient temperature (operation)	-25 °C ... 70 °C
Ambient temperature (storage/transport)	-40 °C ... 85 °C
Ambient temperature (assembly)	0 °C ... 50 °C

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Resistance to UV radiation	yes
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## Standards and regulations

Flame resistance	yes
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## Mounting

Mounting type	DIN rail mounting
Assembly instructions	Option for flexible replugging of DIN rail adapter

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