

# FOC-FDX20-PP-STD6-MM - Distributor



1019681

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Distributor, design: Rail-mountable module, degree of protection: IP20, material: Sheet steel, connection method: Cable gland M20, cable outlet: above and below, housing size: 1, color: traffic grey A RAL 7042

## Product description

FDX 20 series DIN rail distributor box without pigtails, assembled with 6x ST/SC duplex coupling (hybrid), multimode made from metal. 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 ST/SC duplex coupling (hybrid), 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 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 DIN rails NS 35/7.5 or NS 35/15
- Transmission rate up to 1000 Mbps

## Commercial data

Item number	1019681
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	AB15
Product key	ABNGAB
GTIN	4055626701165
Weight per piece (including packing)	801.9 g
Weight per piece (excluding packing)	772.5 g
Customs tariff number	85367000
Country of origin	DE

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## Technical data

### Notes

Order information:

Wire pigtails must be ordered separately

### Product properties

Product type	Network distributor box
Series	FDX 20 series
Type	Rail-mountable module
No. of cable outlets	2
Number of module slots	6
Number of slots	12
Type of the screw connection	M20 x 1.5
Protective cover	yes
Cable outlet	above and below

### Connection data

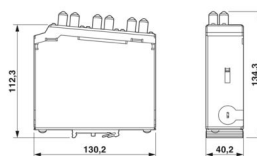
Connection technology

Connection method

Cable gland M20

### Dimensions

Dimensional drawing



Width

40 mm

Height

130 mm

Depth

115 mm

Housing

Housing width

40 mm

Mechanical characteristics

Ferrule diameter

2.50 mm

### Material specifications

Color	traffic grey A RAL 7042
Flammability rating according to UL 94	V0
Ferrule material	Zirconia ceramics
Housing material	Sheet steel
Housing surface material	Powder-coated, gray

### Cable/line

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Cable type	Fiberglass
External cable diameter	6 mm ... 12 mm
External cable diameter	6 mm ... 12 mm
Resistance to oil	no
Flame resistance	yes

## FO cable

Fiber	GOF
Fiber type	Multi-mode fiberglass
Transmission medium	FO

## Mechanical properties

## Mechanical data

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

## Environmental and real-life conditions

## Ambient conditions

Degree of protection	IP20 (according to IEC 60529)
	IP20
Ambient temperature (operation)	-40 °C ... 85 °C (Category OPhd+)
Ambient temperature (storage/transport)	-40 °C ... 85 °C
Ambient temperature (assembly)	0 °C ... 50 °C
Resistance to oil	no

## Standards and regulations

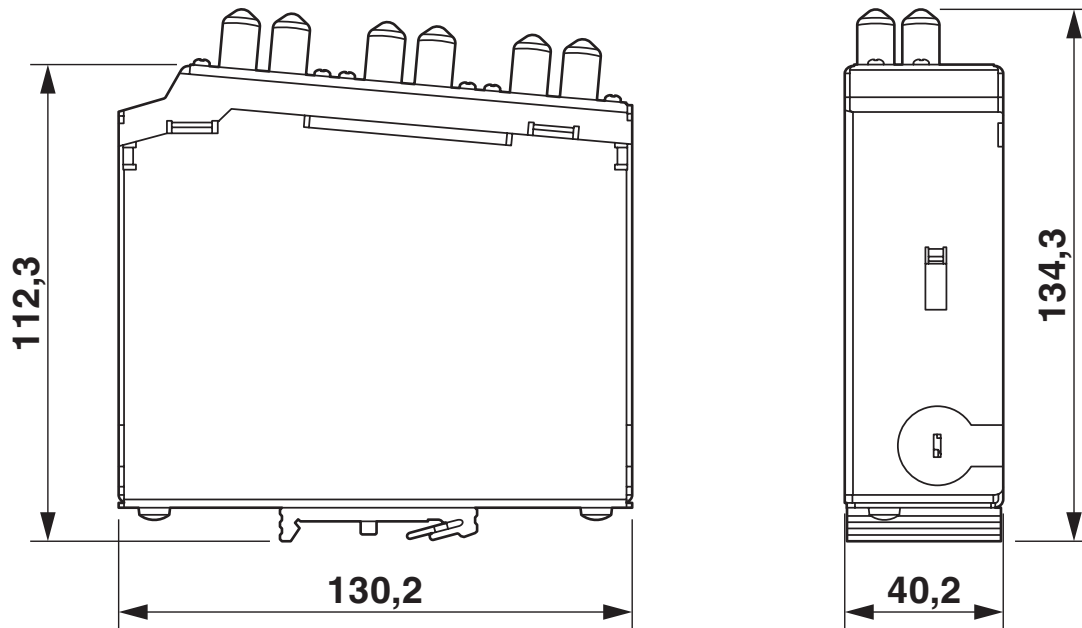
Flame resistance	yes
Resistance to oil	no

## Mounting

Mounting type	DIN rail: 35 mm
Assembly note	Option for flexible replugging of DIN rail adapter

## Drawings

Dimensional drawing



DIN rail distributor 6x ST duplex

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Classifications

ETIM

ETIM 8.0	EC002699
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UNSPSC

UNSPSC 21.0	43223300
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Environmental product compliance

EU RoHS	
Fulfills EU RoHS substance requirements	Yes, No exemptions
China RoHS	
Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits
EU REACH SVHC	
REACH candidate substance (CAS No.)	No substance above 0.1 wt%