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Distributor, design: Rail-mountable module, degree of protection: IP20, number of positions: 12, material: Metal, connection method: M17 circular connector, cable outlet: above and below, housing size: 1, color: gray, Ethernet

## Product description

FDX-20 series DIN rail distributor for Plug and Play connection, equipped with 6x LC Duplex couplings and 1x M17 MPO 12-pos. socket, socket attached on the underside (upon request, the socket can also be attached on the top). Housing (2-part) prepared for DIN rail mounting through the rear-side adapter (this can also be mounted on the side)

## 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	1208052
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB15
Product key	ABNHBC
GTIN	4063151275952
Weight per piece (including packing)	571 g
Weight per piece (excluding packing)	501.624 g
Customs tariff number	85367000
Country of origin	DE

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## Technical data

### Product properties

Product type	Network distributor box
Type	Rail-mountable module
Sensor type	Ethernet
Number of positions	12
Connection profile	LC-Duplex
No. of conductors	12
Number of module slots	6
Number of slots	12
Protective cover	yes
Cable outlet	above and below

### Electrical properties

Attenuation	≤ 0.6 dB
Transmission medium	FO

### Connection data

#### Connection technology

Connection method	M17 circular connector
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### Dimensions

Width	40 mm
Height	130 mm
Depth	115 mm

#### Housing

Housing width	40 mm
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#### Mechanical characteristics

Ferrule diameter	1.25 mm
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### Material specifications

Color	gray
Flammability rating according to UL 94	V0
Ferrule material	PPS
Housing material	Metal
Housing surface material	Powder-coated, gray (metal housing)

### Cable/line

Cable type	Multimode fiberglass
Cable type	Fan out
External cable diameter	≤ 12.00 mm (of 6 mm)

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	6 mm ... 12 mm
Individual wire diameter	2 mm

## FO cable

Number of fibers	12
Fiber	GOF
Fiber type	Multimode fiberglass 62.5/125 µm
Transmission medium	FO

## Characteristics

Attenuation	≤ 0.6 dB
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## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-25 °C ... 70 °C
Ambient temperature (storage/transport)	-40 °C ... 85 °C
Ambient temperature (assembly)	-5 °C ... 55 °C

## Mounting

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

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## Classifications

### ECLASS

ECLASS-13.0	19170113
ECLASS-15.0	19170113

### ETIM

ETIM 9.0	EC001130
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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%

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