FOC-FDX20-PP-SCD6-OM1-PT9 - Splice box

1343380

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DIN rail splice box 6x SC duplex, including pigtails and splice holder

Splice box, Rail-mountable module, connection method: Splicing, material: Metal, degree of protection: IP20, housing size: 1, color: gray

Product description

FDX 20 series DIN rail splice box, assembled with 6x SC duplex coupling, fully assembled and ready for splicing with pre-assembled 900 µm pigtails (OM1). 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 SC duplex coupling, 12x pigtail (OM1), 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
- Continuously reliable data connection, thanks to extensively tested components
- Snap-on mounting on standard DIN rails NS 35/7.5 or NS 35/15
- Perfectly sized and patented pigtail tray for convenient splicing and compact bending radii.
- Particularly suitable for fusion splicing
- For easy field connection

Commercial data

Item number	1343380
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB15
Product key	ABNGAA
GTIN	4063151655228
Weight per piece (including packing)	707.7 g
Weight per piece (excluding packing)	626.87 g
Customs tariff number	85367000
Country of origin	DE

Technical data

Notes

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

Product properties

Product type	Network distributor box
Series	FDX 20 series
Type	Rail-mountable module
Connection profile	SC-Duplex
No. of cable outlets	2
No. of conductors	12
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

Electrical properties

Attenuation	≤ 0.3 dB
Transmission medium	FO

Connection data

Connection technology

Connection method	Splicing

Dimensions

Width	40 mm
Height	130 mm
Depth	115 mm

Housing

Housing width	40 mm

Mechanical characteristics

Ferrule diameter	2.5 mm

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
Whip length	≥ 1.5 m
Halogen-free	yes
Resistance to oil	no
Flame resistance	yes

FO cable

Number of fibers	12
Fiber	GOF
Fiber type	Multimode fiberglass 62.5/125 µm
Attenuation	≤ 0.3 dB
Return Loss	≥ 35 dB
Transmission medium	FO

Mechanical properties

Mechanical data

Type of the screw connection	M20 x 1.5
Insertion/withdrawal cycles	≥ 500
Smallest bending radius	30 mm

Characteristics

Attenuation	≤ 0.3 dB

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20 (according to IEC 60529)
	IP20
Ambient temperature (operation)	-25 °C ... 70 °C (Category OP)
Ambient temperature (storage/transport)	-40 °C ... 85 °C
Ambient temperature (assembly)	0 °C ... 55 °C
Resistance to oil	no

Standards and regulations

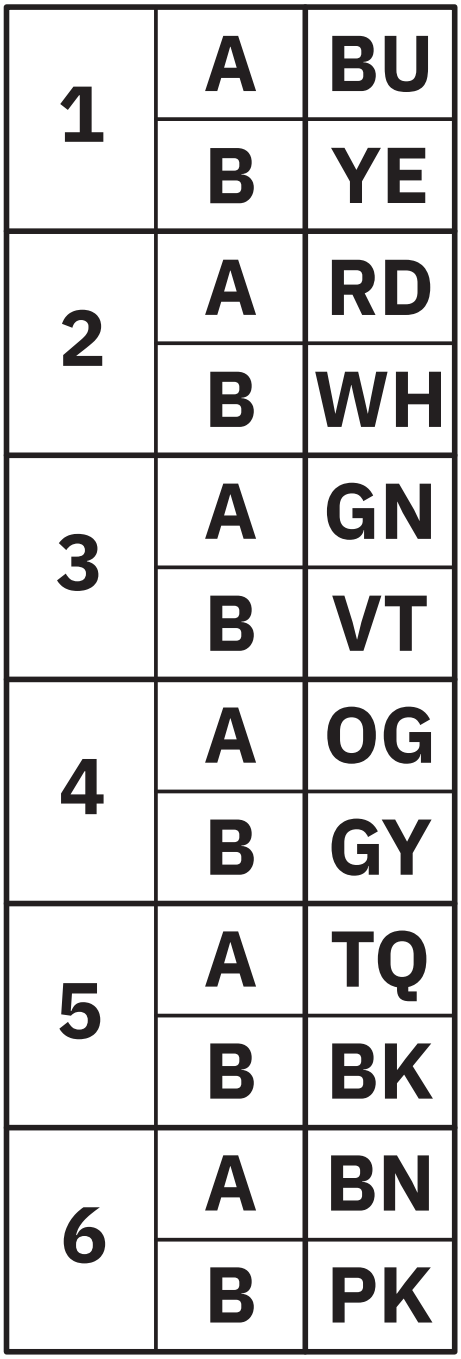
Flame resistance	yes
Resistance to oil	no

Mounting

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

Drawings

Schematic diagram



Pin assignment in accordance with IEC 60794-2

Approvals

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UL Listed
Approval ID: E335024-20250729

cUL Listed
Approval ID: E335024-20250729

Classifications

ECLASS

ECLASS-13.0	19170113
ECLASS-15.0	19170113

ETIM

ETIM 10.0	EC002699

UNSPSC

UNSPSC 21.0	43223300

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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