FOC-FDX20-PP-SCD6-SM - Distributor

1084827

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DIN rail splice box including 6x SC duplex couplings

Distributor, 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, equipped with 6x SC duplex couplings, splice holder (for separately sold shrink and crimp splice protection) on a patented splice comb made from powder-coated sheet steel. Cable insertion possible via cable gland either at the 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 SC duplex couplings, 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.
- For easy field connection

Commercial data

Item number	1084827
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB15
Product key	ABNGAB
GTIN	4055626823881
Weight per piece (including packing)	662.6 g
Weight per piece (excluding packing)	588.03 g
Customs tariff number	85367000
Country of origin	DE

Technical data

Notes

Order information:	Wire pigtails must be ordered separately

Product properties

Product type	Network distributor box
Housing type	DIN rail adapter
Series	FDX 20 series
Type	Rail-mountable module
Connection profile	SC-Duplex
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

Electrical properties

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	Fiberglass
External cable diameter	6 mm ... 12 mm
External cable diameter	6 mm ... 12 mm

FO cable

Fiber	GOF
Fiber type	Single-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

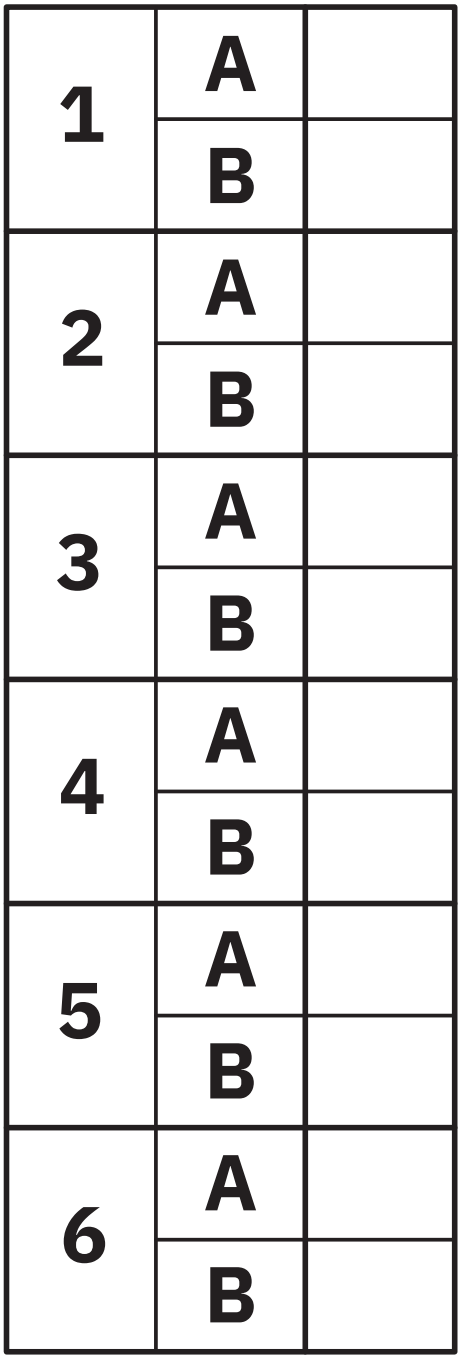
Degree of protection	IP20 (according to IEC 60529)
	IP20
Ambient temperature (operation)	-40 °C ... 85 °C (Category OPhd+)
Ambient temperature (storage/transport)	-40 °C ... 85 °C
Ambient temperature (assembly)	0 °C ... 50 °C

Mounting

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

Drawings

Schematic diagram



Pin assignment for couplings

Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1084827

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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