FOC-FDX20-PP-LCQ6-OSP - Splice box

1565846

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DIN rail distributor 6x LC quad

Splice box, Rail-mountable module, Ethernet, 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 LC quad coupling, singlemode blue, and splice holder for separately sold shrink and crimp splice protection and separately sold pigtail sets, on a patented splice comb made from powder-coated sheet steel. Cable entry 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, singlemode blue, 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
- 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	1565846
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	ABNGAB
GTIN	4067923045156
Weight per piece (including packing)	693.5 g
Weight per piece (excluding packing)	582.846 g
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	LC-Duplex
No. of cable outlets	2
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

Transmission medium	FO

Connection data

Connection technology

Connection method	Splicing

Interfaces

Signal type/category	Ethernet

Dimensions

Width	40 mm
Height	130 mm
Depth	115 mm

Housing

Housing width	40 mm

Material specifications

Color	gray
Flammability rating according to UL 94	V0
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

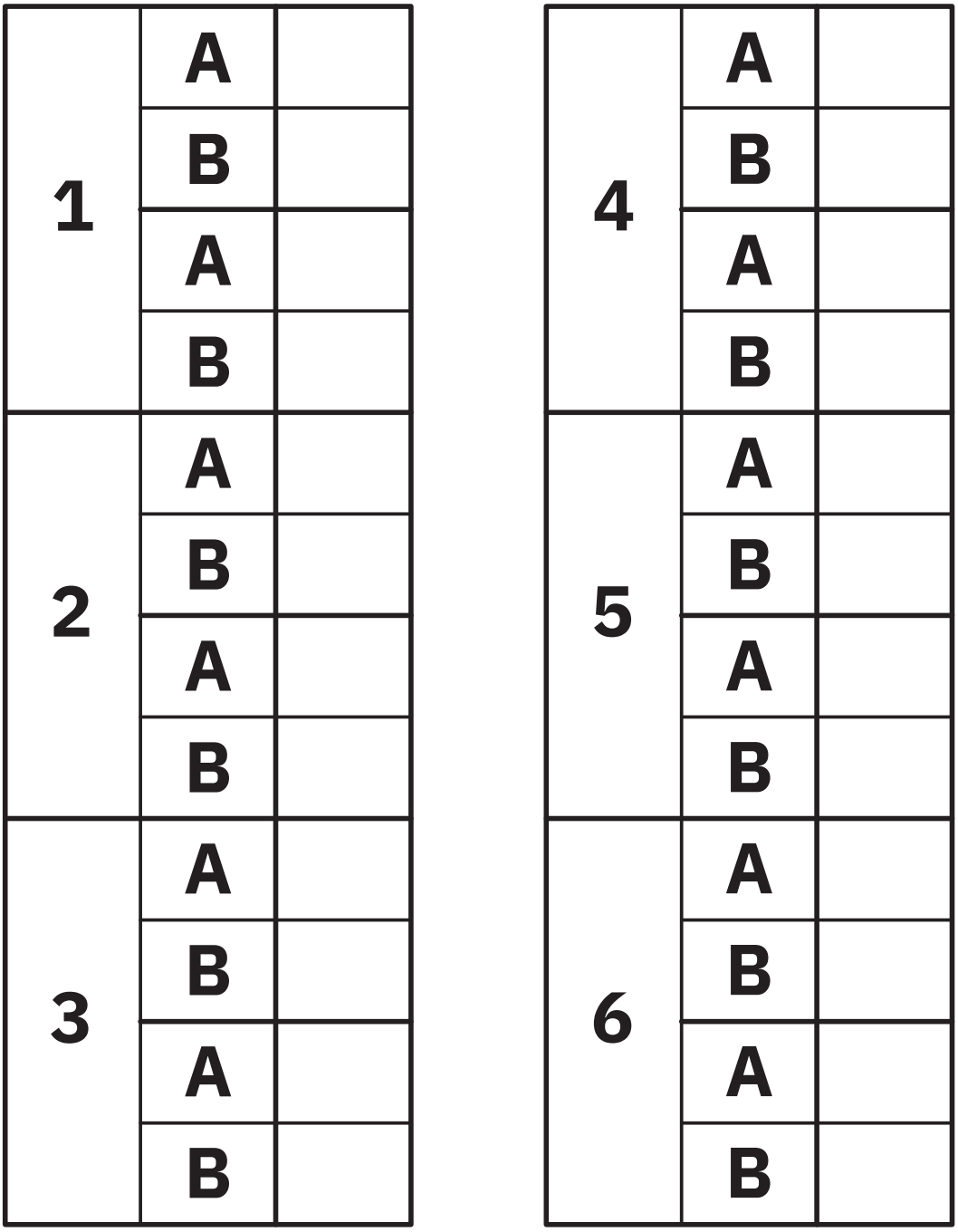
Degree of protection	IP20
Ambient temperature (operation)	-40 °C ... 85 °C
Ambient temperature (storage/transport)	-40 °C ... 85 °C
Ambient temperature (assembly)	0 °C ... 50 °C

Mounting

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

Drawings

Schematic diagram



Pin assignment for couplings

Approvals

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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

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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