

1084827

<https://www.phoenixcontact.com/us/products/1084827>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



Distributor, design: Rail-mountable module, degree of protection: IP20, material: Metal, connection method: Splicing, cable outlet: above and below, 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
- 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	1084827
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB15
Product key	ABNGAB
GTIN	4055626823881
Weight per piece (including packing)	722.6 g
Weight per piece (excluding packing)	577 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

### Data management status

Article revision	05
------------------	----

### 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	2.50 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
Wire diameter incl. insulation	900 µm
Resistance to oil	no
Flame resistance	yes

## 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
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



1084827

<https://www.phoenixcontact.com/us/products/1084827>

Classifications

ECLASS

ECLASS-11.0	19170113
ECLASS-12.0	19170113
ECLASS-13.0	19170113

ETIM

ETIM 9.0	EC001130
----------	----------

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%