

# FOC-FDX20-PP-LCD6-OM2-PT9 - Splice box



1019713

<https://www.phoenixcontact.com/us/products/1019713>

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.



Splice box, design: Rail-mountable module, degree of protection: IP20, material: Metal, connection method: Splicing, cable outlet: above and below, housing size: 1, color: gray, Ethernet

## Product description

DIN rail splice box of the FDX 20 series, equipped with 6x LC duplex couplings, fully assembled and ready for splicing, with pre-assembled 900 µm pigtails (OM2) and splice holder (for separately available shrink und crimp splicing 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 a 6x LC duplex coupling, 12x pigtail (OM2), 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	1019713
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB15
Product key	ABNGAA
Catalog page	Page 381 (C-2-2019)
GTIN	4055626694825
Weight per piece (including packing)	745 g
Weight per piece (excluding packing)	577 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
Housing type	DIN rail adapter
Series	FDX 20 series
Type	Rail-mountable module
Sensor type	Ethernet
Connection profile	LC-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

**Data management status**

Article revision	10
------------------	----

### 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	1.25 mm
------------------	---------

### Material specifications

# FOC-FDX20-PP-LCD6-OM2-PT9 - Splice box



1019713

<https://www.phoenixcontact.com/us/products/1019713>

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
Halogen-free	yes
Flame resistance	yes

## FO cable

Number of fibers	12
Fiber	GOF
Fiber type	Multi-mode 50/125 µm fiberglass
Attenuation	≤ 0.3 dB (at 850 nm / 1300 nm)
Return Loss	≥ 35 dB (at 850 nm / 1300 nm)
Transmission medium	FO

## Mechanical properties

### Mechanical data

Type of the screw connection	M20 x 1.5
Insertion/withdrawal cycles	≥ 500

## 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
Ambient temperature (storage/transport)	-40 °C ... 85 °C
Ambient temperature (assembly)	0 °C ... 50 °C
Resistance to UV radiation	yes

## Standards and regulations

# FOC-FDX20-PP-LCD6-OM2-PT9 - Splice box



1019713

<https://www.phoenixcontact.com/us/products/1019713>

Flame resistance	yes
------------------	-----

## Mounting

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



1019713

<https://www.phoenixcontact.com/us/products/1019713>

Classifications

ECLASS

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

ETIM

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

UNSPSC

UNSPSC 21.0	43223300
-------------	----------

1019713  
<https://www.phoenixcontact.com/us/products/1019713>

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%

Phoenix Contact 2024 © - all rights reserved  
<https://www.phoenixcontact.com>

Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)