

# FOC-PP-OS24-LCD12-OM1 - Distributor



1208056

<https://www.phoenixcontact.com/us/products/1208056>

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Distributor, design: Rail-mountable module, degree of protection: IP20, number of positions: 24, material: Metal, connection method: M17 circular connector, cable outlet: above and below, housing size: 1, color: gray, Ethernet

## Product description

FDX-20 series DIN rail distributor for Plug and Play connection, equipped with 6x LC Quad couplings and 1x Q-ODC 24-pos. socket, socket attached on the underside (upon request, the socket can also be attached on the top). Housing (2-part) prepared for DIN rail mounting through the rear-side adapter (this can also be mounted on the side)

## 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 NS 35/7,5 or NS 35/15 DIN rails
- Transmission rate up to 1,000 Mbps

## Commercial data

Item number	1208056
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB11
Product key	ABNHAC
GTIN	4063151275846
Weight per piece (including packing)	672.8 g
Weight per piece (excluding packing)	672.8 g
Customs tariff number	85367000
Country of origin	DE

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## Technical data

### Product properties

Type	Rail-mountable module
Product type	Network distributor box
Sensor type	Ethernet
Number of positions	24
Connection profile	LC-Duplex
No. of conductors	24
Number of module slots	6
Number of slots	24
Protective cover	yes
Cable outlet	above and below

### Electrical properties

Attenuation	≤ 0.6 dB
Transmission medium	FO

### Connection data

#### Connection technology

Connection method	M17 circular connector
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### Dimensions

Width	40 mm
Height	130 mm
Depth	115 mm

#### Housing

Housing width	40 mm
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#### Mechanical characteristics

Ferrule diameter	1.25 mm
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### Material specifications

Color	gray
Flammability rating according to UL 94	V0
Ferrule material	PPS
Housing surface material	Powder-coated, gray (metal housing)
Housing material	Metal

### Cable/line

Cable type	Multimode fiberglass
Cable type	Fan out
External cable diameter	≤ 12 mm (of 6 mm)

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	6 mm ... 12 mm
Individual wire diameter	2 mm

#### FO cable

Number of fibers	24
Fiber	GOF
Fiber type	Multimode fiberglass 62.5/125 µm
Transmission medium	FO

#### Characteristics

Attenuation	≤ 0.6 dB
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#### 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)	-5 °C ... 55 °C

#### Mounting

Mounting type	DIN rail mounting
Assembly instructions	Option for flexible replugging of DIN rail adapter
Connection method	M17 circular connector

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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1208056>



**EAC**

Approval ID: B.01687

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## Classifications

### ECLASS

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

### ETIM

ETIM 8.0	EC002699
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### UNSPSC

UNSPSC 21.0	43223300
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## Environmental product compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e No hazardous substances above threshold values
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## Accessories

### FOC-TOOL-FERRULECLEANER-MT - FO accessories

1111534

<https://www.phoenixcontact.com/us/products/1111534>



Ferrule cleaner, for cleaning of MT inserts, can be used for approx. 500 cleaning cycles

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### FOC-OP24-OP24-GL03/10 - Connecting cable

1007606

<https://www.phoenixcontact.com/us/products/1007606>



Double-end preassembled cable, type: circular connector, degree of protection: IP68, number of positions: 24

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## FOC-OP24-OP24-GL03/20 - Connecting cable

1007629

<https://www.phoenixcontact.com/us/products/1007629>



Double-end preassembled cable, type: circular connector, degree of protection: IP68, number of positions: 24

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## FOC-OP24-OP24-GL03/30 - Connecting cable

1007632

<https://www.phoenixcontact.com/us/products/1007632>



Double-end preassembled cable, type: circular connector, degree of protection: IP68, number of positions: 24



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## FOC-OP24-OP24-GL03/40 - Connecting cable

1007803

<https://www.phoenixcontact.com/us/products/1007803>



Double-end preassembled cable, type: circular connector, degree of protection: IP68, number of positions: 24

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## FOC-OP24-OP24-GL03/50 - Connecting cable

1007602

<https://www.phoenixcontact.com/us/products/1007602>



Double-end preassembled cable, type: circular connector, degree of protection: IP68, number of positions: 24

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## FOC-OP24-OP24-GL03/100 - Connecting cable

1007809

<https://www.phoenixcontact.com/us/products/1007809>



Double-end preassembled cable, type: circular connector, degree of protection: IP68, number of positions: 24

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## FOC-OP24-OP24-GL03/160 - Connecting cable

1007640

<https://www.phoenixcontact.com/us/products/1007640>



Double-end preassembled cable, type: circular connector, degree of protection: IP68, number of positions: 24

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## FOC-OP24-OP24-GL03/200 - Connecting cable

1007641

<https://www.phoenixcontact.com/us/products/1007641>



Double-end preassembled cable, type: circular connector, degree of protection: IP68, number of positions: 24

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## FOC-FR19:1U-OS24-LCD12-OM1 - 19" mounting frame

1081342

<https://www.phoenixcontact.com/us/products/1081342>



Fiber optics distribution box, type: 19"-rack mount fiber optics distribution box, degree of protection: IP20, number of positions: 1\*24, marking material: aluminum, color: gray

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## FOC-FR19:1U-2OS24-LCD24-OM1 - 19" mounting frame

1081340

<https://www.phoenixcontact.com/us/products/1081340>

Fiber optics distribution box, type: 19"-rack mount fiber optics distribution box, degree of protection: IP20, number of positions: 2\*24, marking material: aluminum, color: gray



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## FOC-LC:PA-LC:PA-OM1:D01/0.5 - FO patch cable

1144197

<https://www.phoenixcontact.com/us/products/1144197>

Multi-mode OM1 duplex jumper, LC-LC, UPC polishing, length 0.5 m



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## FOC-LC:PA-LC:PA-OM1:D01/1 - FO patch cable

1146497

<https://www.phoenixcontact.com/us/products/1146497>

Multi-mode OM1 duplex jumper, LC-LC, UPC polishing, length 1 m



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## FOC-LC:PA-LC:PA-OM1:D01/2 - FO patch cable

1146505

<https://www.phoenixcontact.com/us/products/1146505>

Multi-mode OM1 duplex jumper, LC-LC, UPC polishing, length 2 m



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## FOC-LC:PA-LC:PA-OM1:D01/5 - FO patch cable

1146514

<https://www.phoenixcontact.com/us/products/1146514>

Multi-mode OM1 duplex jumper, LC-LC, UPC polishing, length 5 m



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## FOC-LC:PA-LC:PA-OM1:D01/10 - FO patch cable

1146520

<https://www.phoenixcontact.com/us/products/1146520>

Multi-mode OM1 duplex jumper, LC-LC, UPC polishing, length 10 m



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## FOC-OP24-OP24-GL03/60 - Connecting cable

1007626

<https://www.phoenixcontact.com/us/products/1007626>



Double-end preassembled cable, type: circular connector, degree of protection: IP68, number of positions: 24

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## FOC-OP24-OP24-GL03/70 - Connecting cable

1007635

<https://www.phoenixcontact.com/us/products/1007635>



Double-end preassembled cable, type: circular connector, degree of protection: IP68, number of positions: 24

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## FOC-OP24-OP24-GL03/80 - Connecting cable

1007627

<https://www.phoenixcontact.com/us/products/1007627>



Double-end preassembled cable, type: circular connector, degree of protection: IP68, number of positions: 24

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## FOC-OP24-OP24-GL03/90 - Connecting cable

1007636

<https://www.phoenixcontact.com/us/products/1007636>



Double-end preassembled cable, type: circular connector, degree of protection: IP68, number of positions: 24



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## FOC-OP24-OP24-GL03/120 - Connecting cable

1007638

<https://www.phoenixcontact.com/us/products/1007638>



Double-end preassembled cable, type: circular connector, degree of protection: IP68, number of positions: 24

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## FOC-OP24-OP24-GL03/140 - Connecting cable

1007808

<https://www.phoenixcontact.com/us/products/1007808>



Double-end preassembled cable, type: circular connector, degree of protection: IP68, number of positions: 24

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## FOC-OP24-OP24-GL03/180 - Connecting cable

1007807

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Double-end preassembled cable, type: circular connector, degree of protection: IP68, number of positions: 24

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