

FOC-PP-17S12-LCD6-OM1 - Distributor



1208052

<https://www.phoenixcontact.com/us/products/1208052>

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Distributor, design: Rail-mountable module, degree of protection: IP20, number of positions: 12, 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 Duplex couplings and 1x M17 MPO 12-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	1208052
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB15
Product key	ABNHBC
GTIN	4063151275952
Weight per piece (including packing)	631 g
Weight per piece (excluding packing)	631 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	12
Connection profile	LC-Duplex
No. of conductors	12
Number of module slots	6
Number of slots	12
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	12
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)	-25 °C ... 70 °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/1208052>



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

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

FOC-17P12-17P12-GL02/10 - Connecting cable

1018526

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M17 MPO series with preassembled FO plug assembly: 12-pos. plug-plug, multimode fiberglass G62.5/125 μm OM1, with screw connection, length of FO cable: 10 m, IP67 degree of protection after being inserted, fixed installation in cable ducts, underground cable ducts, and cable protection pipes for indoor/outdoor use

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FOC-17P12-17P12-GL02/20 - Connecting cable

1019181

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M17 MPO series with preassembled FO plug assembly: 12-pos. plug-plug, multimode fiberglass G62.5/125 μm OM1, with screw connection, length of FO cable: 20 m, IP67 degree of protection after being inserted, fixed installation in cable ducts, underground cable ducts, and cable protection pipes for indoor/outdoor use

FOC-17P12-17P12-GL02/30 - Connecting cable

1018528

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M17 MPO series with preassembled FO plug assembly: 12-pos. plug-plug, multimode fiberglass G62.5/125 μm OM1, with screw connection, length of FO cable: 30 m, IP67 degree of protection after being inserted, fixed installation in cable ducts, underground cable ducts, and cable protection pipes for indoor/outdoor use

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FOC-17P12-17P12-GL02/40 - Connecting cable

1018529

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M17 MPO series with preassembled FO plug assembly: 12-pos. plug-plug, multimode fiberglass G62.5/125 μm OM1, with screw connection, length of FO cable: 40 m, IP67 degree of protection after being inserted, fixed installation in cable ducts, underground cable ducts, and cable protection pipes for indoor/outdoor use

FOC-17P12-17P12-GL02/50 - Connecting cable

1018530

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M17 MPO series with preassembled FO plug assembly: 12-pos. plug-plug, multimode fiberglass G62.5/125 μm OM1, with screw connection, length of FO cable: 50 m, IP67 degree of protection after being inserted, fixed installation in cable ducts, underground cable ducts, and cable protection pipes for indoor/outdoor use

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FOC-17P12-17P12-GL02/100 - Connecting cable

1018560

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M17 MPO series with preassembled FO plug assembly: 12-pos. plug-plug, multimode fiberglass G62.5/125 μm OM1, with screw connection, length of FO cable: 100 m, IP67 degree of protection after being inserted, fixed installation in cable ducts, underground cable ducts, and cable protection pipes for indoor/outdoor use

FOC-17P12-17P12-GL02/160 - Connecting cable

1127001

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M17 MPO series with preassembled FO plug assembly: 12-pos. plug-plug, multimode fiberglass G62.5/125 μm OM1, with screw connection, length of FO cable: 160 m, IP67 degree of protection after being inserted, fixed installation in cable ducts, underground cable ducts, and cable protection pipes for indoor/outdoor use

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FOC-MODUL:3U-17S12-LCD6-OM1 - Module

1018571

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Preassembled fiber-optic distribution module (3 RU) , for connecting M17 MPO plug assembly, can be installed in a 19" fiber-optic distributor box (3 RU)

FOC-FR19:1U-17S12-LCD6-OM1 - Patch panels

1018568

<https://www.phoenixcontact.com/us/products/1018568>



Preassembled 19" fiber-optic distributor box (1 RU) , M17 MPO series, for connecting an M17 MPO plug assembly.

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FOC-FR19:1U-217S12-LCD12-OM1 - Patch panels

1018570

<https://www.phoenixcontact.com/us/products/1018570>

Preassembled 19" fiber-optic distributor box (1 RU) , M17 MPO series, for connecting an M17 MPO plug assembly.

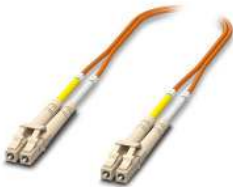


FOC-LC:PA-LC:PA-OM1:D01/0.5 - FO patch cable

1144197

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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



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



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

1146520

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



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FOC-17P12-17P12-GL02/60 - Connecting cable

1018554

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M17 MPO series with preassembled FO plug assembly: 12-pos. plug-plug, multimode fiberglass G62.5/125 μm OM1, with screw connection, length of FO cable: 60 m, IP67 degree of protection after being inserted, fixed installation in cable ducts, underground cable ducts, and cable protection pipes for indoor/outdoor use

FOC-17P12-17P12-GL02/70 - Connecting cable

1018556

<https://www.phoenixcontact.com/us/products/1018556>



M17 MPO series with preassembled FO plug assembly: 12-pos. plug-plug, multimode fiberglass G62.5/125 μm OM1, with screw connection, length of FO cable: 70 m, IP67 degree of protection after being inserted, fixed installation in cable ducts, underground cable ducts, and cable protection pipes for indoor/outdoor use

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FOC-17P12-17P12-GL02/80 - Connecting cable

1018557

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M17 MPO series with preassembled FO plug assembly: 12-pos. plug-plug, multimode fiberglass G62.5/125 μm OM1, with screw connection, length of FO cable: 80 m, IP67 degree of protection after being inserted, fixed installation in cable ducts, underground cable ducts, and cable protection pipes for indoor/outdoor use

FOC-17P12-17P12-GL02/90 - Connecting cable

1018559

<https://www.phoenixcontact.com/us/products/1018559>



M17 MPO series with preassembled FO plug assembly: 12-pos. plug-plug, multimode fiberglass G62.5/125 μm OM1, with screw connection, length of FO cable: 90 m, IP67 degree of protection after being inserted, fixed installation in cable ducts, underground cable ducts, and cable protection pipes for indoor/outdoor use

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FOC-17P12-17P12-GL02/110 - Connecting cable

1126995

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M17 MPO series with preassembled FO plug assembly: 12-pos. plug-plug, multimode fiberglass G62.5/125 μm OM1, with screw connection, length of FO cable: 110 m, IP67 degree of protection after being inserted, fixed installation in cable ducts, underground cable ducts, and cable protection pipes for indoor/outdoor use

FOC-17P12-17P12-GL02/120 - Connecting cable

1127010

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M17 MPO series with preassembled FO plug assembly: 12-pos. plug-plug, multimode fiberglass G62.5/125 μm OM1, with screw connection, length of FO cable: 120 m, IP67 degree of protection after being inserted, fixed installation in cable ducts, underground cable ducts, and cable protection pipes for indoor/outdoor use

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FOC-17P12-17P12-GL02/130 - Connecting cable

1127004

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M17 MPO series with preassembled FO plug assembly: 12-pos. plug-plug, multimode fiberglass G62.5/125 μm OM1, with screw connection, length of FO cable: 130 m, IP67 degree of protection after being inserted, fixed installation in cable ducts, underground cable ducts, and cable protection pipes for indoor/outdoor use

FOC-17P12-17P12-GL02/140 - Connecting cable

1127003

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M17 MPO series with preassembled FO plug assembly: 12-pos. plug-plug, multimode fiberglass G62.5/125 μm OM1, with screw connection, length of FO cable: 140 m, IP67 degree of protection after being inserted, fixed installation in cable ducts, underground cable ducts, and cable protection pipes for indoor/outdoor use

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FOC-17P12-17P12-GL02/150 - Connecting cable

1127002

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M17 MPO series with preassembled FO plug assembly: 12-pos. plug-plug, multimode fiberglass G62.5/125 μm OM1, with screw connection, length of FO cable: 150 m, IP67 degree of protection after being inserted, fixed installation in cable ducts, underground cable ducts, and cable protection pipes for indoor/outdoor use

FOC-17P12-17P12-GL02/170 - Connecting cable

1127000

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M17 MPO series with preassembled FO plug assembly: 12-pos. plug-plug, multimode fiberglass G62.5/125 μm OM1, with screw connection, length of FO cable: 170 m, IP67 degree of protection after being inserted, fixed installation in cable ducts, underground cable ducts, and cable protection pipes for indoor/outdoor use

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FOC-17P12-17P12-GL02/180 - Connecting cable

1150514

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M17 MPO series with preassembled FO plug assembly: 12-pos. plug-plug, multimode fiberglass G62.5/125 μm OM1, with screw connection, length of FO cable: 180 m, IP67 degree of protection after being inserted, fixed installation in cable ducts, underground cable ducts, and cable protection pipes for indoor/outdoor use

FOC-17P12-17P12-GL02/190 - Connecting cable

1150515

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M17 MPO series with preassembled FO plug assembly: 12-pos. plug-plug, multimode fiberglass G62.5/125 μm OM1, with screw connection, length of FO cable: 190 m, IP67 degree of protection after being inserted, fixed installation in cable ducts, underground cable ducts, and cable protection pipes for indoor/outdoor use

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