FOC-PP-17S24-LCD12-OM1 - Distributor

1208053

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DIN rail distributor box 12x LC duplex to M17 24-pos.

Distributor, Rail-mountable module, Ethernet, 24-position, connection method: M17 circular connector, material: Metal, degree of protection: IP20, housing size: 1, color: gray

Product description

FDX-20 series DIN rail distributor for Plug and Play connection, equipped with 6x LC Quad couplings and 1x M17 MPO 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 DIN rails NS 35/7.5 or NS 35/15
- Transmission rate up to 1000 Mbps

Commercial data

Item number	1208053
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	AB15
Product key	ABNHBC
GTIN	4063151275082
Weight per piece (including packing)	602.3 g
Weight per piece (excluding packing)	536.469 g
Customs tariff number	85367000
Country of origin	DE

Technical data

Product properties

Product type	Network distributor box
Type	Rail-mountable module
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

Interfaces

Signal type/category	Ethernet

Dimensions

Width	40 mm
Height	130 mm
Depth	115 mm

Housing

Housing width	40 mm

Mechanical characteristics

Ferrule diameter	1.25 mm

Material specifications

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

Cable/line

Cable type	Multimode fiberglass

Cable type	Fan out
External cable diameter	≤ 12.00 mm (of 6 mm)
	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

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 note	Option for flexible replugging of DIN rail adapter

Drawings

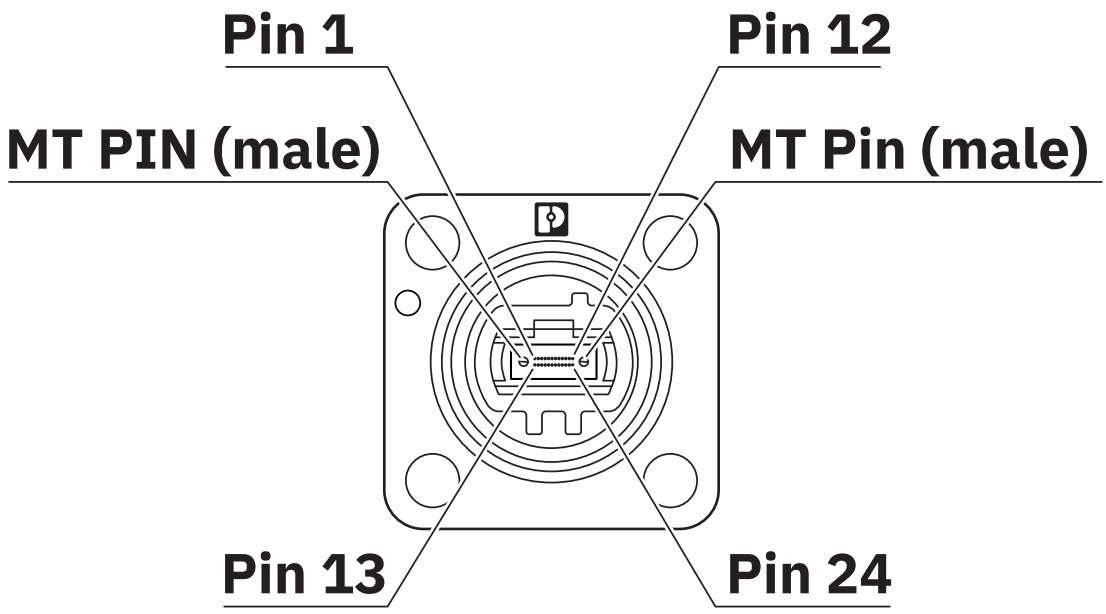
Schematic diagram

Coupler		Pin
1	A	24
	B	23
	A	22
	B	21
2	A	20
	B	19
	A	18
	B	17
3	A	16
	B	15
	A	14
	B	13

Coupler		Pin
4	A	12
	B	11
	A	10
	B	9
5	A	8
	B	7
	A	6
	B	5
6	A	4
	B	3
	A	2
	B	1

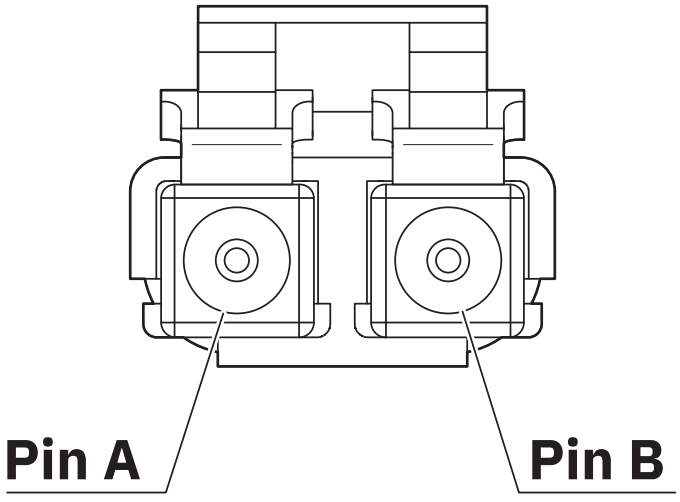
Pin assignment: Channel assignment

Schematic diagram



Pin assignment for M17 coupling, 24-pos.

Schematic diagram



Pin assignment for LC duplex coupling

Classifications

ECLASS

ECLASS-13.0	19170113
ECLASS-15.0	19170113

ETIM

ETIM 10.0	EC002699

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%

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