

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



1208053

<https://www.phoenixcontact.com/us/products/1208053>

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

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 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 |

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Technical data

Product properties

| | |
|------------------------|-------------------------|
| Product type | Network distributor box |
| Type | Rail-mountable module |
| 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 |
|-------------------|------------------------|

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

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| | |
|--------------------------|----------------------|
| Cable type | Multimode fiberglass |
| Cable type | Fan out |
| Signal type/category | Ethernet |
| 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 |

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Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-13.0 | 19170113 |
| ECLASS-15.0 | 19170113 |

ETIM

| | |
|-----------|----------|
| ETIM 10.0 | EC002699 |
|-----------|----------|

UNSPSC

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

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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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