

# FOC-FDX20-PP-SCD6-MM - Distributor



1019686

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

## Product description

FDX 20 series DIN rail distributor box without pigtails, assembled with 6x SC duplex coupling, multimode made from plastic. Splice holder for separately available shrink and crimp splicing protection, on a patented splice comb made from powder-coated sheet steel. Cable insertion possible via cable gland from above or below. Housing, 2-part, prepared for DIN rail mounting through the rear-side adapter. The adapter can also be mounted on the side.

Scope of supply:

DIN rail housing with integrated splice comb (mounted), assembled with 6x SC duplex coupling, 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
- Continuously reliable data connection, thanks to extensively tested components
- Snap-on mounting on standard DIN rails NS 35/7.5 or NS 35/15
- Perfectly sized and patented pigtail tray for convenient splicing and compact bending radii.
- For easy field connection

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 1019686       |
| Packing unit                         | 1 pc          |
| Minimum order quantity               | 1 pc          |
| Sales key                            | AB15          |
| Product key                          | ABNGAB        |
| GTIN                                 | 4055626701127 |
| Weight per piece (including packing) | 696 g         |
| Weight per piece (excluding packing) | 581.58 g      |
| Customs tariff number                | 85367000      |
| Country of origin                    | DE            |

## Technical data

### Notes

|                    |                                          |
|--------------------|------------------------------------------|
| Order information: | Wire pigtails must be ordered separately |
|--------------------|------------------------------------------|

### Product properties

|                              |                       |
|------------------------------|-----------------------|
| Housing type                 | DIN rail adapter      |
| Series                       | FDX 20 series         |
| Type                         | Rail-mountable module |
| Connection profile           | SC-Duplex             |
| No. of cable outlets         | 2                     |
| 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       |

### Electrical properties

|                     |    |
|---------------------|----|
| 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 | 2.50 mm |
|------------------|---------|

### Material specifications

|                                        |                     |
|----------------------------------------|---------------------|
| 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 | Fiberglass |
|------------|------------|

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|                         |                |
|-------------------------|----------------|
| External cable diameter | 6 mm ... 12 mm |
| External cable diameter | 6 mm ... 12 mm |

## FO cable

|                     |                       |
|---------------------|-----------------------|
| Fiber               | GOF                   |
| Fiber type          | Multi-mode fiberglass |
| Transmission medium | FO                    |

## Mechanical properties

### Mechanical data

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

## Environmental and real-life conditions

### Ambient conditions

|                                         |                                   |
|-----------------------------------------|-----------------------------------|
| Degree of protection                    | IP20 (according to IEC 60529)     |
|                                         | IP20                              |
| Ambient temperature (operation)         | -40 °C ... 85 °C (Category OPhd+) |
| Ambient temperature (storage/transport) | -40 °C ... 85 °C                  |
| Ambient temperature (assembly)          | 0 °C ... 50 °C                    |

## Mounting

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

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## Approvals

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**UL Listed**

Approval ID: E335024-20250729



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## Classifications

### ECLASS

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

### ETIM

|           |          |
|-----------|----------|
| ETIM 10.0 | EC001130 |
|-----------|----------|

### 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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