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# Splice box - FOC-FDX20-PP-LCD6-OM4-PT9 - 1019712

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DIN rail splice box, fully mounted ready to splice, for 6x LC duplex (OM4)

DIN rail splice box 6x LC duplex,
including pigtails and splice holder

## Product Description

DIN rail splice box of the FDX 20 series, equipped with 6x LC duplex couplings, fully assembled and ready for splicing, with pre-assembled 900 µm pigtails (OM4) and splice holder (for separately sold shrink und crimp splice protection) on a patented splice comb made from powder-coated sheet steel. Cable insertion via cable gland either at top or bottom. Housing (2-part) prepared for DIN rail mounting through rear-side adapter (this can also be mounted on the side).

Scope of supply:
DIN rail housing with integrated splice comb (mounted), equipped with 6x LC duplex couplings, 12x pigtail (OM4), 1x splice holder, 1x cable gland (M20x1.5)

## Why buy this product

☑ Intuitive front panel operation and clear control cabinet layout thanks to uniform design

☑ Flexible DIN rail mounting possible in three positioning directions

☑ Perfectly sized and patented pigtail tray, for convenient splicing and compact bending radii.

☑ 6 duplex front connections and compact dimensions, for more space in the control cabinet

☑ Suitable for industrial applications

☑ Reduced installation time, thanks to pre-assembled, ready-to-splice design

☑ Continuously reliable data connection, thanks to extensively tested components

☑ easy to install

☑ including cable gland

## Key Commercial Data

| Packing unit | 1 STK |
|---|---|
| GTIN | 4 055626 701028 |
| GTIN | 4055626701028 |
| Custom tariff number | 85367000 |
| Country of origin | Germany |

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## Technical data

### Mechanical characteristics

| | |
|---|---|
| Number of slots | 6 |
| Connection profile | LC-Duplex |
| Fiber type | GOF |
| Fiber | 50/125 µm OM4 |
| Ferrule diameter | 1.25 mm |
| Connection method | Cable gland M20 |
| External cable diameter | 6 mm ... 12 mm |
| Cable outlet | above and below |
| Type of cable | For all common cable types |
| Cable structure | Semi-loose compact wires (STB) |
| Color | traffic grey A RAL 7042 |
| Mounting type | DIN rail mounting |
| Degree of protection | IP20 |
| Type | Rail-mountable module |
| No. of cable outlets | 2 |
| Type of the screw connection | M20 x 1.5 |
| Type of note | Order information: |
| Note | In addition, shrink splice protection (Order No.: 1019676) or crimp splice protection (Order No.: 1019678) must be ordered separately. |

### Ambient conditions

| | |
|---|---|
| Ambient temperature (operation) | -25 °C ... 70 °C |
| Ambient temperature (assembly) | 0 °C ... 50 °C |
| Degree of protection | IP20 (according to IEC 60529) |

### Material data

| | |
|---|---|
| Flammability rating according to UL 94 | V0 |
| Housing material | Sheet steel |
| Housing surface material | Powder-coated, gray |
| Ferrule material | Zirconia ceramics |
| Housing width | 40 mm |
| Depth | 115 mm |
| Height | 130 mm |
| Fiber | 50/125 µm OM4 |

### Line characteristics

| | |
|---|---|
| Type of cable | For all common cable types |
| Cable type | Multimode fiberglass |

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## Technical data

### Line characteristics

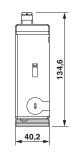| Cable structure | Semi-loose compact wires (STB) |
|---|---|
| Wire colors | Color coded |
| Transmission medium | FO |
| Number of fibers | 12 |
| Fiber type | Multi-mode 50/125 µm fiberglass |
| Fiber | GOF |

### Standards and Regulations

| Resistance to UV radiation | yes |
|---|---|
| Flammability rating according to UL 94 | V0 |

## Drawings

Dimensional drawing



DIN rail splice box 6x LC duplex OM4, fully mounted ready to splice

## Classifications

### eCl@ss

| eCl@ss 8.0 | 19069290 |
|---|---|
| eCl@ss 9.0 | 19069290 |

## Accessories

### Necessary add-on products

FOC-SHRINKSPLICE-PROTECT - 1019676

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## Accessories

FOC-CRIMPSPLICE-PROTECT - 1019678

## Additional products

FO patch cable - FOC-LC:A-LC:A-GZ03/... - 1405690

Assembled FO cable, zip cord cable, multi-mode fiberglass 50/125 μm, OM4, plug: LC/LC, degree of protection: IP20, for installation in cable ducts or control cabinets

FO patch cable - FOC-SC:A-LC:A-GZ03/... - 1405693

Assembled FO cable, zip cord cable, multi-mode fiberglass 50/125 μm, OM4, plug: SC/LC, degree of protection: IP20, for installation in cable ducts or control cabinets

FO patch cable - FOC-LC:A-SJ:A-GZ03/... - 1405696

Assembled FO cable, zip cord cable, multi-mode fiberglass 50/125 μm, OM4, plug: LC/SC-RJ, degree of protection: IP20, for installation in cable ducts or control cabinets

FO accessories - FOC-TOOL-FERRULECLEANER-1.25 - 1407032

Ferrule cleaner, 1.25 mm, for LC, approx. 500 cleaning cycles

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## Accessories

FO accessories - FOC-TOOL-STICKCLEANER-1.25 - 1407000

Stick cleaner for couplings and plug end faces, 1.25 mm (LC), Pcs. / Pkt.: 10

Screw plug - A-INSP-M20-68N-P-LG - 1424519

Screw plug, cable gland material: PA, PA, connecting thread: M20 x 1.5, color: lightgrey RAL 7035, with O-ring

Nut - WP-CN PA M20 - 3241134

Nut, height: 6 mm, color: gray

Philips screwdriver - SF-PH 1-80 - 1212559

Screwdriver, PH crosshead (lasered), uninsulated, size: PH 1 x 80, 2-component grip, with non-slip grip

Screwdriver - SF-SL 1,0X5,5-150 - 1212552

Screwdriver, bladed (lasered), size: 1.0 x 5.5 x 150 mm, 2-component grip, with non-slip grip

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## Accessories

End clamp - E/NS 35 N - 0800886

End clamp, width: 9.5 mm, color: gray

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DIN rail adapter - NBC-PP-G1PGY - 1041740

DIN rail adapter, type: Headers with shielding, degree of protection: IP20, material: PC-GF10

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DIN rail adapter - FL DIN RA - 2891053

The FL DIN RA is installed in a standard, 19-inch rack (EIA-310-D, IEC 60297-3-100) to allow DIN rail mounted equipment to be rack mounted.

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DIN rail adapter - NBC-PP-G1PGY - 1041740

DIN rail adapter, type: Headers with shielding, degree of protection: IP20, material: PC-GF10

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Cable gland - G-INS-M20-S68N-PNES-GY - 1411125

Cable gland, cable gland material: PA, external cable diameter 6 mm ... 12 mm, shielding: No, connecting thread: M20 x 1.5, color: silver-gray RAL 7001

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## Accessories

Marking foil for zack marker strip - TML (104X10)R - 0801835

Marking foil for zack marker strip, Roll, white, unlabeled, can be labeled with: THERMOMARK ROLL, THERMOMARK ROLL X1, THERMOMARK ROLLMASTER 300/600, THERMOMARK X1.2, THERMOMARK S1.1, mounting type: adhesive, for terminal block width: 104 mm, lettering field size: 104 x 10 mm

Marking foil for zack marker strip - TML (EX9,5)R TR - 0816634

Marking foil for zack marker strip, Roll, transparent, unlabeled, can be labeled with: THERMOMARK ROLL, THERMOMARK ROLL X1, THERMOMARK ROLLMASTER 300/600, THERMOMARK X1.2, THERMOMARK S1.1, mounting type: adhesive, for terminal block width: 30000 mm, lettering field size: 40000 x 9.5 mm

Safety label with special adhesive - EMLS (70X32)R SR - 0800346

Safety label with special adhesive, Roll, silver, unlabeled, can be labeled with: THERMOMARK ROLL, THERMOMARK ROLL X1, THERMOMARK ROLLMASTER 300/600, THERMOMARK X1.2, mounting type: adhesive, lettering field size: 70 x 32 mm

Label for rough surfaces - EML-HA (76X51)R - 0830609

Label for rough surfaces, Roll, white, unlabeled, can be labeled with: THERMOMARK ROLL, THERMOMARK ROLL X1, THERMOMARK ROLLMASTER 300/600, THERMOMARK X1.2, THERMOMARK S1.1, mounting type: adhesive, lettering field size: 76 x 51 mm

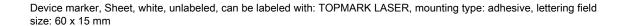Warning label - PML-W100 (25X25)R - 0830429

Warning label, Roll, yellow/black, unlabeled, can be labeled with: THERMOMARK ROLL, THERMOMARK ROLL X1, THERMOMARK ROLLMASTER 300/600, THERMOMARK X1.2, mounting type: adhesive, diameter: 0 mm, lettering field size: 25 x 25 mm

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## Accessories

Device marker - LS-EMLP (60X15) WH - 0831696

Device marker, Sheet, white, unlabeled, can be labeled with: TOPMARK LASER, mounting type: adhesive, lettering field size: 60 x 15 mm

Cable marker - WML-RFID/HF 14 (25X19)R - 0803386

Cable marker label with RFID-HF transponder, roll, white, unmarked, can be printed with: THERMOMARK ROLL, THERMOMARK ROLL X1, THERMOMARK X1.2, mounting type: adhesive, min. cable diameter: 9 mm, max. cable diameter: 14 mm, lettering field size: 25 x 19 mm