

# P | Cabling

## Data sheet

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### OpDAT REG K splice 2xLC-Q APC OS2 with crimp splice holder

P/N  
15024K97A02-E

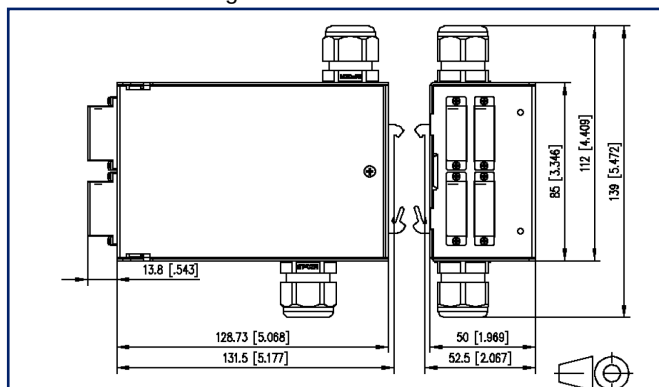
EAN 4251394671123

2023/06/29

## Illustrations



Dimensional drawing



See enlarged drawings at the end of document

## Product specification

- Very compact splice distributor for TH35 mounting rail for up to 8 fiber optic plug connections
- for splicing installation cables, e.g. universal cables
- equipped with fiber optic adapters and pigtails
- Adapter types: SC-Duplex, ST-Duplex, LC-Quad
- different installation variants on the mounting rail are possible
- Splice tray with crimp or shrink splice holder
- Cable feed from above or below
- Cable entry M20 with strain relief included in delivery
- Housing (W x H x D): 50 x 85 x 130 mm
- Variants: equipped with 2 adapters or 4 adapters



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## Technical Data

### General Data

|                                               |                                                            |
|-----------------------------------------------|------------------------------------------------------------|
| Fields of application                         | structured building cabling<br>office areas<br>data center |
| Mechanical measurement according to MICE      | M1                                                         |
| Ingress measurement according to MICE         | I1                                                         |
| Climatic measurement according to MICE        | C1                                                         |
| Electromagnetic measurement according to MICE | E3                                                         |
| Design                                        | Splice distributor                                         |
| Mounting style                                | Standard rail TH35                                         |
| Transmission technology                       | Fiber optic                                                |
| Color                                         | gray                                                       |
| Dimensions                                    |                                                            |
| Dimension (L x W x H)                         | 145.3 mm x 139 mm x 50 mm                                  |
| Dimension (L x W x H)                         | 5.72 in. x 5.472 in. x 1.969 in.                           |
| Cable Type                                    | pigtail(s)                                                 |
| Fiber class                                   | OS2                                                        |
| Mode type of the fiber                        | Singlemode                                                 |
| Shape                                         | APC (Angled Physical Contact)                              |
| Fiber construction                            | 9/125 µm                                                   |

### Connections/interfaces

|                                                  |                    |
|--------------------------------------------------|--------------------|
| Connector technology interface 1                 | LC-Q Couplers      |
| Connector technology interface 2                 | LC-Q Couplers      |
| Number of ports interface 1                      | 2                  |
| Number of ports interface 2                      | 2                  |
| Number of equipped ports interface 1             | 2                  |
| Number of ports interface 2 equipped             | 2                  |
| Number of ports with dust protection interface 1 | 2                  |
| Number of ports with dust protection interface 2 | 2                  |
| Number of blind                                  | 2                  |
| Semi-tight buffered fiber pigtail length         | 2 m                |
| Semi-tight buffered fiber pigtail diameter       | 900 µm             |
| Cable access/outlet                              | from top or bottom |



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#### Optical characteristics

|                |             |
|----------------|-------------|
| Insertion loss | max. 0,3 dB |
| Return loss    | min. 65 dB  |

#### Mechanical data

|                                |                  |
|--------------------------------|------------------|
| Cut-out                        | SC-D, LC-Q, ST-D |
| Connector type                 | duplex           |
| Life - Number of mating cycles | min. 500         |
| strain relief                  | M gland          |

#### Materials and material properties

|                            |                  |
|----------------------------|------------------|
| Material - Housing         | sheet steel      |
| Material - Housing finish  | powder-coated    |
| Material - Sleeve          | ceramic, slotted |
| Material - Coupler housing | Plastics         |
| Halogen free               | yes              |
| RoHS                       | compliant        |

#### Standards/Regulations

|                                                        |                                      |
|--------------------------------------------------------|--------------------------------------|
| FO connector interfaces                                | IEC 61754-20                         |
| Optical fibers: Indoor optical cables                  |                                      |
| Sectional specification for class B single-mode fibres | ISO/IEC 60793-2-50 type B.1.3 & B6_a |
| ITU-T standard                                         | G.657.A                              |

#### Classifications

|          |          |
|----------|----------|
| ETIM 7.0 | EC001130 |
| ETIM 8.0 | EC001130 |
| ETIM 9.0 | EC001130 |

#### Packing details

|                   |                       |
|-------------------|-----------------------|
| Type of packaging | 1 pc(s) / plastic bag |
|-------------------|-----------------------|



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## Accessories

| P/N          | Designation                 |
|--------------|-----------------------------|
| 150240M20Z-E | OpDAT REG strain relief M20 |

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