

# Data sheet

## OpDAT ADT splice 4xSC-S OM5

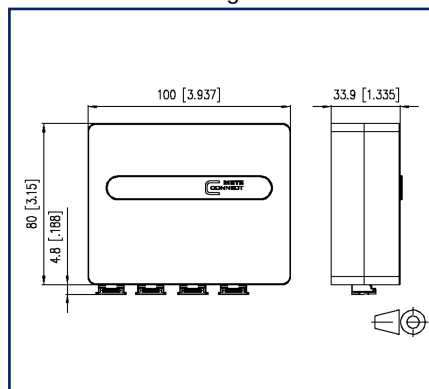
Page 1/6

P/N  
1501181K04HC  
EAN 4251394639109  
2026/08/27  
Version: I

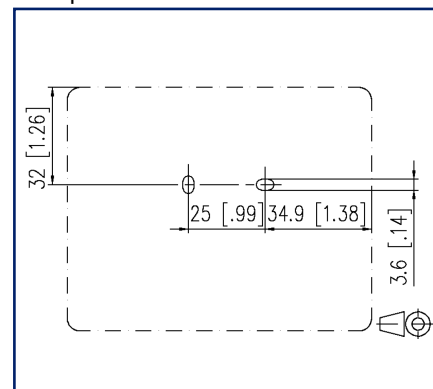
### Illustrations



Dimensional drawing



Drill pattern



See enlarged drawings at the end of document

### Product specification

- Compact, universal fiber optic termination unit for flush mounted outlets or cavity wall boxes, surface mounting or rail mounting
- Equipped with adapters and multimode pigtails for splicing to mini-breakout cables with multimode fibers
- Pigtails with compact loose tube fiber with dia. 0.9 mm, color code acc. to IEC60304, secondary and primary coating same color
- Pigtails are cleaned and plugged in adapters
- Unequipped ports are closed with blind plugs
- Possible cable entries: on the back, from above, from below, from the left or the right side
- With integrated clips for rail mounting in two directions
- Pivoting, removable splice tray for up to 8 shrink splice protections
- Cover removable without tool
- Plug direction 90°
- Color of the cover parts pure white RAL 9010
- Variants: equipped with SC-S or LC-D adapters and pigtails in OM3, OM4 or OM5



## Data sheet

Page 2/6

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### Technical Data

#### General Data

|                                               |                                   |
|-----------------------------------------------|-----------------------------------|
| 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                                        | wall outlet                       |
| Mounting style                                | surface mount, standard rail TH35 |
| Transmission technology                       | Fiber optic                       |
| Color                                         | pure white - RAL 9010             |
| Dimensions                                    |                                   |
| Dimension (L x W x H)                         | 85 mm x 100 mm x 35 mm            |
| Dimension (L x W x H)                         | 3.346 in. x 3.937 in. x 1.378 in. |
| Cable Type                                    | pigtail(s)                        |
| Mode type of the fiber                        | Multimode                         |
| Fiber class                                   | OM5                               |
| Fiber construction                            | 50/125 µm                         |

#### Connections/interfaces

|                                                  |                                  |
|--------------------------------------------------|----------------------------------|
| Connector technology interface 1                 | SC                               |
| Connector technology interface 2                 | SC                               |
| Number of ports interface 1                      | 4                                |
| Number of ports interface 2                      | 4                                |
| Number of equipped ports interface 1             | 4                                |
| Number of ports interface 2 equipped             | 4                                |
| Number of ports with dust protection interface 2 | 4                                |
| Module plug-in direction                         | straight                         |
| Cable access/outlet                              | rear, top, bottom, left or right |

#### Mechanical data

|                |         |
|----------------|---------|
| Cut-out        | SC      |
| Connector type | simplex |



## Data sheet

Page 3/6

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#### Materials and material properties

|                            |                  |
|----------------------------|------------------|
| Material - Housing         | ABS + PC         |
| Material - Lower housing   | ABS              |
| Material - Coupler housing | Plastics         |
| Material - Sleeve          | ceramic, slotted |
| Material - Ferrule         | Ceramic          |
| RoHS                       | compliant        |

#### Environmental conditions

|                            |                |
|----------------------------|----------------|
| Temperature (min. - max.)  |                |
| Temperature - Storage °C   | -10 °C - 60 °C |
| Temperature - Storage °F   | 14 °F - 140 °F |
| Temperature - Operating °C | -10 °C - 60 °C |
| Temperature - Operating °F | 14 °F - 140 °F |
| Particulate ingress        | IP2X           |
| Liquid ingress/immersion   | IPX0           |

#### Standards/Regulations

|                                                                                                    |                 |
|----------------------------------------------------------------------------------------------------|-----------------|
| Generic cabling systems                                                                            |                 |
| General requirements                                                                               | ISO/IEC 11801-1 |
| FO connector interfaces                                                                            | IEC 61754-4     |
| Optical fibers - Interconnecting devices and passive components - basic test and measuring methods |                 |
| Fibre optic interconnecting devices and passive components - Insertion loss                        | IEC 61300-3-4   |
| Fibre optic interconnecting devices and passive components - Return loss                           | IEC 61300-3-6   |
| Fibre optic interconnecting devices and passive components - Visual inspection of plug end face    | IEC 61300-3-35  |

#### Classifications

|           |          |
|-----------|----------|
| ETIM 7.0  | EC001409 |
| ETIM 8.0  | EC001409 |
| ETIM 9.0  | EC001409 |
| ETIM 10.0 | EC001409 |



Data sheet

Page 4/6

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#### Packing details

Type of packaging 1 pc(s) / box

#### Application note

This product is a standard product of METZ CONNECT. METZ CONNECT is not aware of the specific intended use of the goods by the Customer or any customers of the Customer. The Customer guarantees that it has fully and sufficiently tested the use of the goods and any product modifications, product changes or product enhancements with regard to the specific intended use in accordance with the state of the art or in any other way.



Data sheet

Page 5/6

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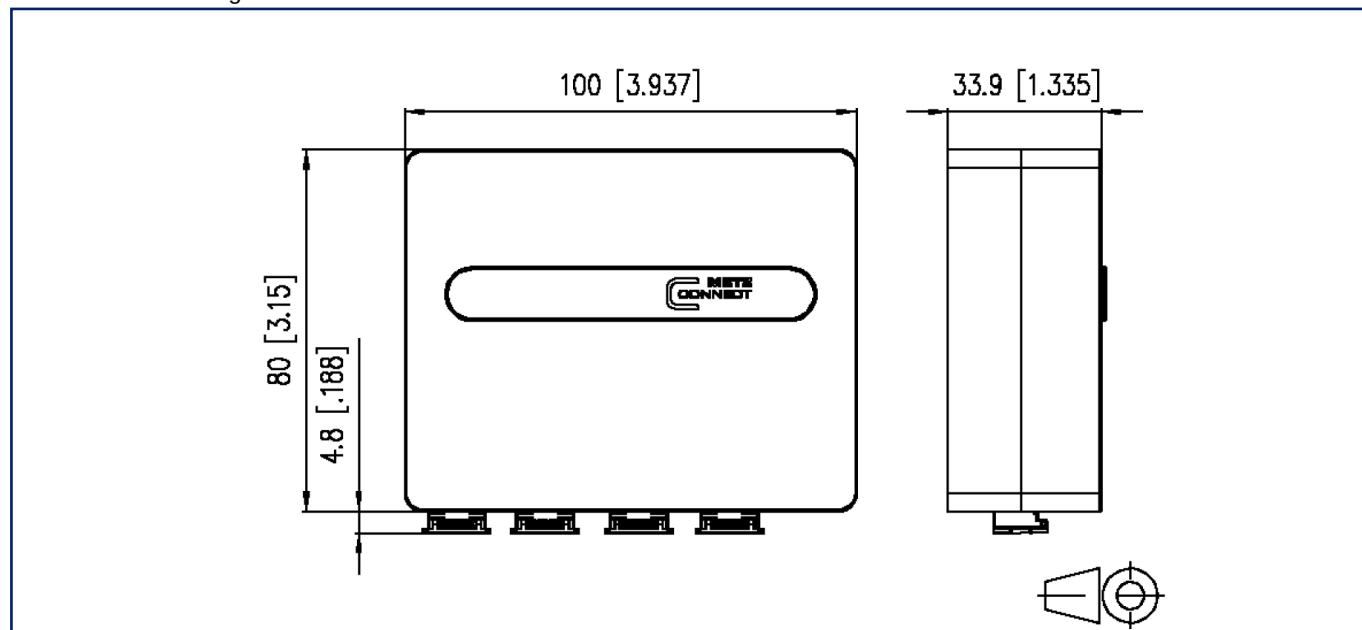
### Accessories

| P/N        | Designation                                       |
|------------|---------------------------------------------------|
| 15090304-I | OpDAT splice protection cover for 6 crimp splices |
| 15090401-E | OpDAT crimp splice protection (12 pieces)         |



## Illustrations

### Dimensional drawing



### Drill pattern

