

P | Cabling

Data sheet

OpDAT ADT splice

2xLC-D APC (green), OS2, Grade B, pure white RAL 9010

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P/N

1501197S02HC

EAN 4251394639017

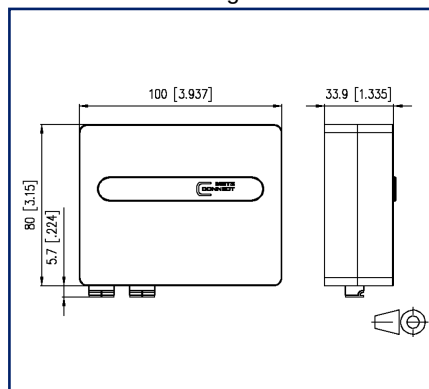
2021/05/10

Version: A

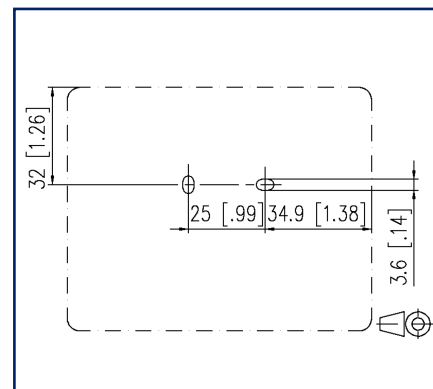
Illustrations



Dimensional drawing



Cut-out



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 with laser shutter and singlemode pigtails for splicing to FITH cables with singlemode fibers
- Pigtails with single mode fiber OS2, E9/125 μm , IEC 60793-2-50 B.1.3 and B.6_a, bend insensitive according to ITU-T G.657.A1, compatible to ITU-T G.652.D
- 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 APC, SC UPC, LC-D APC or LC-D UPC adapters and matching pigtails
- Variants also available in Grade B



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Technical Data

General Data	
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	Singlemode
Fiber class	OS2 (ISO/IEC 11801/EN50173 & IEC 60793-2-50 B1.3, B6_a & ITU-T G.657.A1, G.652.D)
Shape	APC (Angled Physical Contact)
Fiber construction	9/125 µm
Connections/interfaces	
Connector technology interface 1	LC-D
Connector technology interface 2	LC-D
Number of ports interface 1	4
Number of ports interface 2	4
Number of equipped ports interface 1	2
Number of ports interface 2 equipped	2
Number of ports with dust protection interface 2	2
Number of blind covers interface 2	2
Module plug-in direction	straight
Cable access/outlet	rear, top, bottom, left or right
Elektrische/ Optische Eigenschaften	
Insertion loss	max. 0,25 dB
Return loss	min. 65 dB
Mechanical data	
Cut-out	LC-D
Connector type	duplex



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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

The product meets the following standards

Generic cabling systems	
General requirements	ISO/IEC 11801-1
Fibre optic connector interfaces	IEC 61754-20
Lichtwellenleiter: LWL-Innenkabel	
Sectional specification for class A B single-mode fibres	ISO/IEC 60793-2-50 type B.1.3 & B6_a
Optical fibers - Interconnecting devices and passive components - basic test and measuring methods	
Fibre optic interconnecting devices and passive components	IEC 61300-3-4
Fibre optic interconnecting devices and passive components	IEC 61300-3-6
Fibre optic interconnecting devices and passive components	IEC 61300-3-35
ITU-T standard	ITU-T G.657.A1 compatible with ITU-T G.652.D

Classifications

ETIM 7.0	EC001409
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Packing details

Type of packaging

1 pc(s) / box



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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 pcs)

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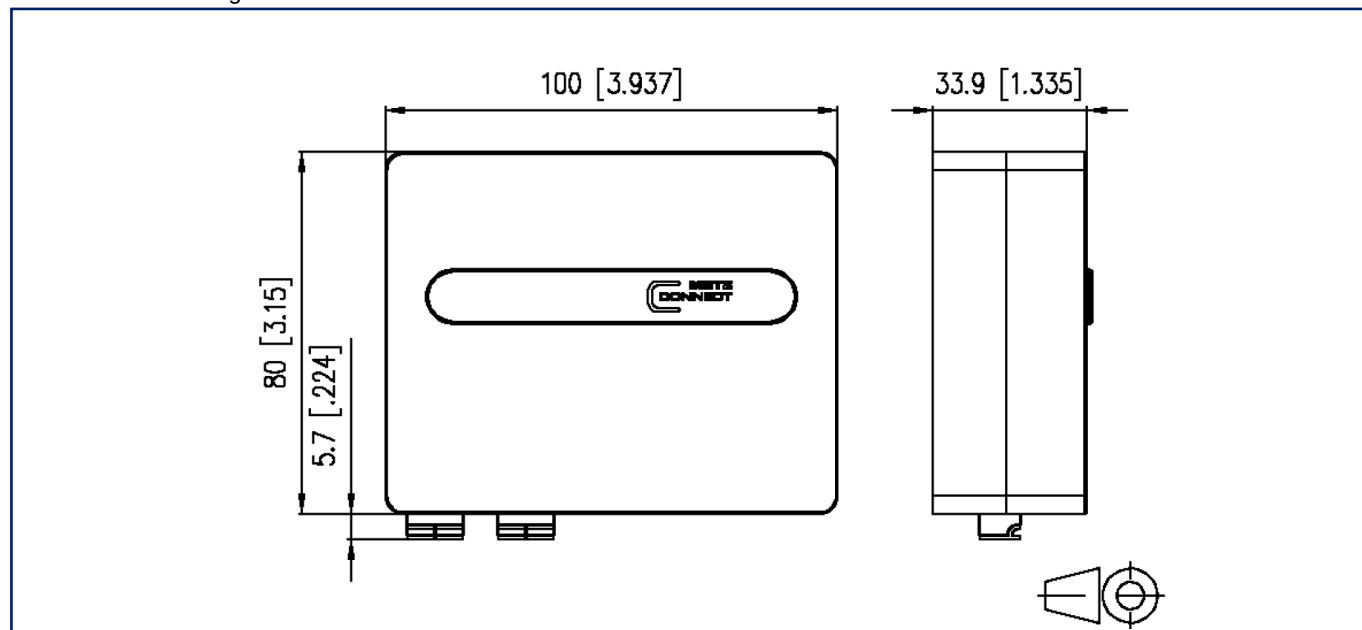
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