

# Data sheet

## E-DAT C6 6x8 surface mount distributor Cat.6

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P/N  
130862-21-E

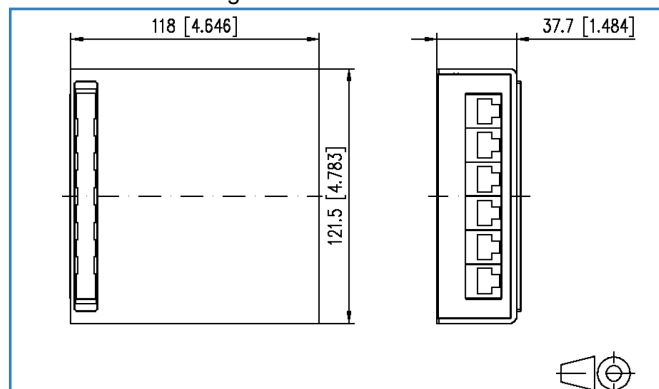
EAN 4250184113294

2015-08-07

### Illustrations



Dimensional drawing



See enlarged drawings at the end of document

### Product specification

- 6-fold surface-mounted distributor or wall outlet for structured cabling in the building
- certified to GHMT Cat.6 12C-de-embedded
- compliance with class E<sub>A</sub> to ISO/IEC 11801 Ed.2.2:2011-06, DIN EN 50173-1:2011-09
- tested: Link to 500 MHz
- for 10 GBit Ethernet (IEEE 802.3an)
- suitable for Power over Ethernet (PoE, PoE plus and UPoE)
- wire pairs can be led to the LSA terminal without untwisting the pair
- connection of 2 to 4-pair data lines to LSA insulation displacement connectors (AWG 22-24) conductor colors marking to TIA/EIA 568A
- label window for enclosed identification labels
- optional strain relief possible using cable ties
- variants: pure white, light gray



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**Technical Data**

**General Data**

Fields of application	Office
Design	patch panel
Mounting style	surface mount
Shielding	shielded
Transmission technology	Copper
Wiring	T568A
Color	pure white
Dimensions	
Dimension (L x W x H)	118.00 x 121.50 x 37.70 mm
Dimension (L x W x H)	4.65 x 4.78 x 1.48 in.
Labeling option	label window with identification label

**Transmission characteristics**

Category (ISO)	6
Class (ISO/IEC)	E <sub>A</sub>
Category (TIA)	6
PoE	IEEE 802.3af
PoE plus	IEEE 802.3at
UPoE	yes
Transmission rate up to 10 GBit	IEEE 802.3an

**Connections/interfaces**

Connector technology interface 1	LSA terminal block
Connector technology interface 2	RJ45-jack
Number of ports interface 2	6
Number of ports interface 2 equipped	6
Number of positions/contacts interface 1	6 x 8
Number of positions/contacts interface 2	6 x 8P/8C
Cable access/outlet	180°
Shield connection	flexible contact spring

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## Technical Data

### Electrical characteristics

Current carrying capacity	max. 1 A
Rated voltage	max. 50 V
Contact resistance	max. 20 mOhm
Through resistance	max. 200 mOhm
Insulation resistance	min. 500 MOhm
Dielectric strength conductor-conductor (secondary)	max. 1000 V DC

### Mechanical characteristics

Insertion and withdrawal force	max. 20 N
Life - Number of mating cycles	min. 750
Position/mounting of latch - standard installation position	top

### Materials and material properties

Material - Terminal block housing	PBT (polybutylene terephthalate)
Material - Jack contact	CuSn (tin bronze)
Material - Jack contact finish	Ni + Au (nickel-gold)
Material - Terminal block contact	CuZn (brass)
Material - Terminal block contact finish	Sn (tin)

### Environmental conditions

Temperature (min. - max.)	
Temperature - Storage °C	-40 - 70 °C
Temperature - Storage °F	-40 - 158 °F
Temperature - Operating °C	-40 - 70 °C
Temperature - Operating °F	-40 - 158 °F
Electromagnetic measurement	E <sub>2</sub>

### Certifications

GHMT PVP	yes
Gost Certification	yes



## Technical Data

### Approvals

CE	compliant
RoHS	compliant

### The product meets the following standards

Generic cabling systems	
General requirements	ISO/IEC 11801 Ed.2.2: 2011-06   DIN EN 50173-1: 2011-09 TIA/EIA 568-C.2 (2009-08)
Connectors for electronic equipment	
Free and fixed connectors	DIN EN 60603-7-51:2011-01

### Classifications

ETIM 5.0	EC001128
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### Packing details

Type of packaging	1 pc(s) / box
Packaging unit - Weight (gram)	736.00 g
Packaging unit - Weight (pound)	1.62 lb
Packaging dimension (W x H x D)	145.00 x 182.00 x 40.00 mm
Packaging dimension (W x H x D)	5.71 x 7.17 x 1.57 in.



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## Accessories

P/N	Designation
899789-01	Label sheet for E-DAT C6 and E-DAT design patch panels



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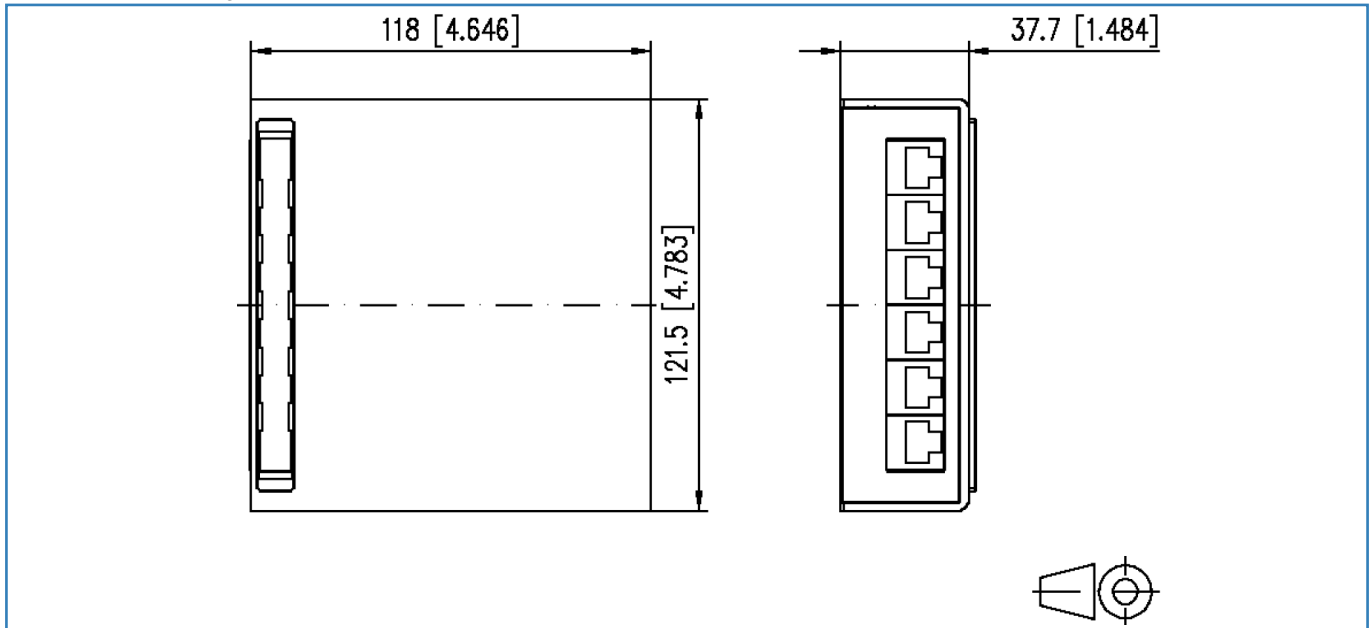
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