

## Data sheet

### E-DAT modul REG 1 port IP20 light gray

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P/N

1309426003-E

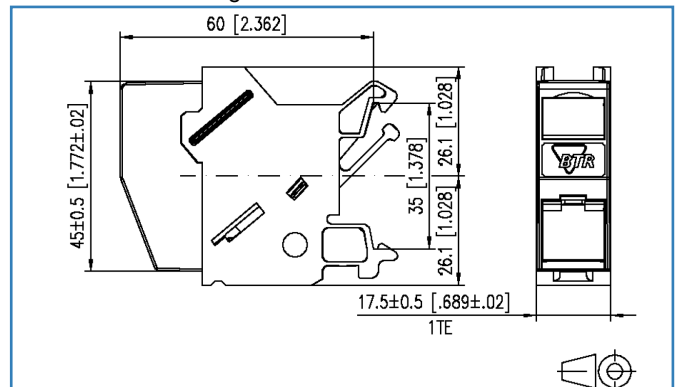
EAN 4250184106586

2015-07-07

## Illustrations



Dimensional drawing



See enlarged drawings at the end of document

## Product specification

- termination unit for mounting on TH35 rails to DIN EN 60715 in electrical distribution panels for home and industrial installations
- equipped with individual E-DAT modul RJ45 module
- cable feed 45° from the top, plug direction 45° downwards
- compliance with class EA to ISO/IEC 11801 Ed.2.2:2011-06, DIN EN 50173-1:2011-09
- tested: Link up to 500 MHz
- for 10 GBit Ethernet (IEEE 802.3an)
- suitable for Power over Ethernet (PoE, PoE plus and UPoE)
- easy to install connection of 2 to 4 pair data lines
- AWG 26/1 - 22/1 and stranded wires with 7 copper conductors AWG 26/7 to BTR 8-fold insulation displacement connectors (IDC)
- marking of conductor assignment to T568A or T568B
- easy and fast insertion of wire pairs in E-DAT modul stuffer cap
- width of 1HP allows mounting up to 12 REG in standard electrical distribution panels
- when mounted as a device of protection class I, the equipotential bonding is realized directly over the top hat rail by means of an integrated equipotential plate. This has to be connected to the equipotential bonding of the building by means of a bonding terminal
- a cover protects the module against direct contact. If mounted in distributor panels with protective insulation, protection class II is guaranteed. In this case, it is necessary to remove the equipotential bonding spring.
- integrated dust protection cover (also colored)

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**Technical Data**

**General Data**

Fields of application	Office
Design	Wall outlet
Mounting style	Standard rail TH35
Shielding	shielded
Transmission technology	Copper
Color	light gray
Dimensions	
Dimension (L x W x H)	60.00 x 17.50 x 52.20 mm
Dimension (L x W x H)	2.36 x 0.69 x 2.06 in.
Horizontal pitch	1 TE
Labeling option	label window with identification label
Marking option	by dust protection

**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	IDC-connection
Connector technology interface 2	RJ45-jack
Number of ports interface 2	1
Number of ports interface 2 equipped	1
Number of positions/contacts interface 1	8
Number of positions/contacts interface 2	8P/8C



## Technical Data

### Connections/interfaces

Termination data, solid wire (min. - max.)

Conductor cross section, solid wire	AWG 26 - 22
Conductor cross section, solid wire	0.128 - 0.324 mm <sup>2</sup>
Conductor diameter, solid wire (bare copper)	0.409 - 0.643 mm
Conductor diameter, solid wire (bare copper)	0.016 - 0.025 in.

Termination data, stranded wire (min. - max.)

Conductor cross section, stranded wire	AWG 26
Conductor cross section, stranded wire	0.141 mm <sup>2</sup>
Conductor diameter, stranded wire (bare copper)	0.483 mm
Conductor diameter, stranded wire (bare copper)	0.019 in.

Module plug-in direction	45° downwards
Cable access/outlet	45° from the top

### Electrical characteristics

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

### Mechanical characteristics

Insertion and withdrawal force	max. 30 N
Position/mounting of latch - standard installation position	top

### Materials and material properties

Material - Housing	GD-Zn (zinc die-cast)
Material - Cover part(s)	Frianyl
Material - Lower housing	Frianyl
Material - Label window	ABS, transparent
Material - Dust protection	ABS
Material - Contact	CuSn (tin bronze)
Material - Contact finish	Ni + Au (nickel-gold)
Material - Contact carriers	PA 6.6
Material - Ground connection	CuSn4



## Technical Data

### 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
Particulate ingress	IP2X
Liquid ingress/immersion	IPX0
Rapid change of temperature	-40°C / -40°F - +70°C / 158°F / 25 cycles t=30 min
Electromagnetic measurement	E <sub>2</sub>

### Certifications

Gost Certification	yes
RoHS	compliant

### The product meets the following standards

Universelle Gebäudeverkabelung	
General requirements	ISO/IEC 11801 Ed.2.2: 2011-06   DIN EN 50173-1: 2011-09 TIA/EIA 568-C.2
Connectors for electronic equipment	
Free and fixed connectors	DIN EN 60603-7-51:2011-01
Interference proof	
Immunity for industrial environments	DIN EN 61000-6-2:2006-03
Climate tests	IEC 60512-11

### Classifications

ETIM 5.0	EC001024
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### Packing details

Type of packaging	10 pc(s) / box
Packaging unit - Weight (gram)	634.00 g
Packaging unit - Weight (pound)	1.40 lb
Packaging dimension (W x H x D)	235.00 x 165.00 x 135.00 mm
Packaging dimension (W x H x D)	9.25 x 6.50 x 5.31 in.



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### Accessories

P/N	Designation
899011-01	Label sheet for Modul patch panels / REG



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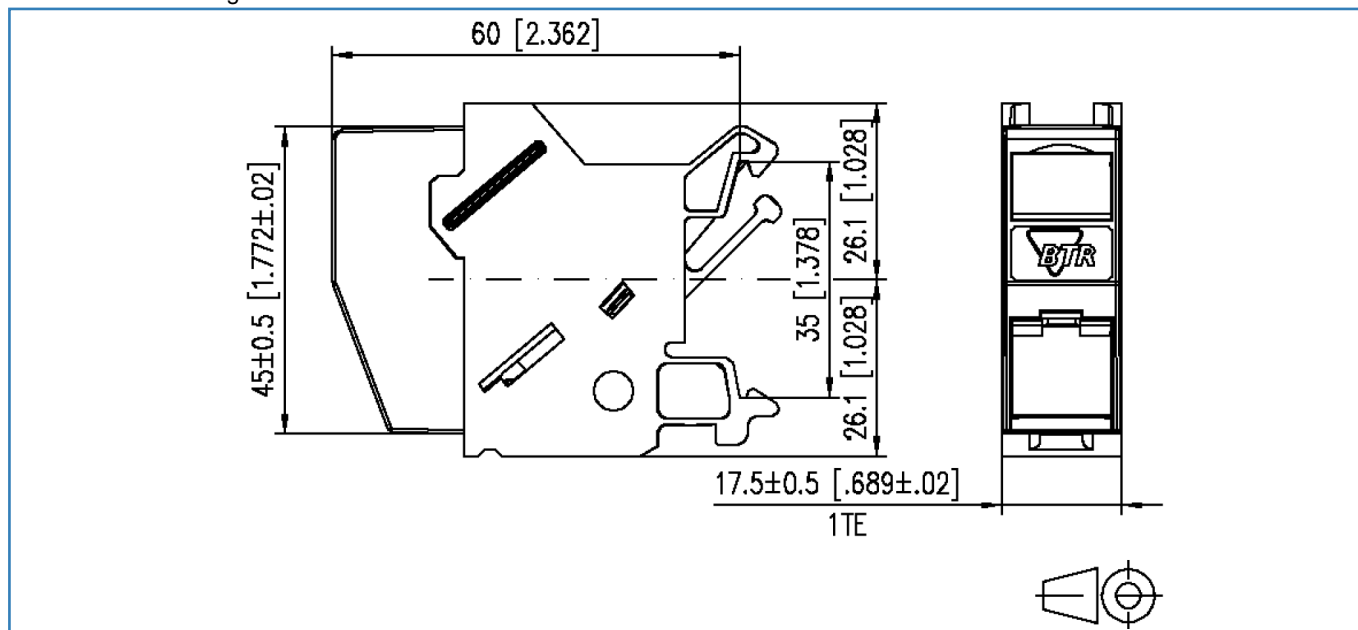
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**Illustrations**

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