

## Data sheet

### REGplus IP20 E-DAT modul coupler 90°

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P/N

1309A17003-E

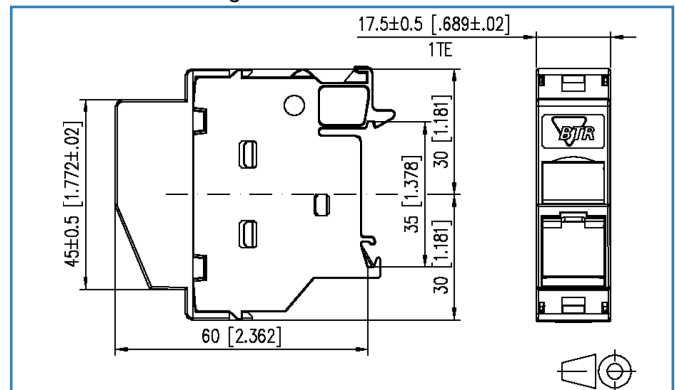
EAN 4250184136521

2018-26-02

## Illustrations



Dimensional drawing



See enlarged drawings at the end of document



## Product specification

- equipped with E-DAT modul RJ45 coupler
- plug direction 45° downwards
- compliance with class E<sub>A</sub> to ISO/IEC 11801 Ed.2.2:2011-06, DIN EN 50173-1:2011-09
- suitable for 10 GBit Ethernet (IEEE 802.3an), Remote Powering (PoE, PoE plus and UPoE) and HDBaseT
- width of 1HP allows mounting up to 12 REG plus 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 a switchable integrated equipotential spring. This has to be connected to the equipotential bonding of the building by means of a bonding terminal
- variants: E-DAT modul coupler 180°, E-DAT modul coupler 90°



### 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 60.00 mm
Dimension (L x W x H)	2.362 x 0.689 x 2.362 in.
Horizontal pitch	1HP
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
Remote Powering	yes
PoE	IEEE 802.3af
PoE plus	IEEE 802.3at
UPoE	yes
HDBaseT	yes
Transmission rate up to 10 GBit (Gigabit-Ethernet)	IEEE 802.3an

#### Connections/interfaces

Connector technology interface 1	RJ45-jack
Connector technology interface 2	RJ45-jack
Number of ports interface 1	1
Number of ports interface 2	1
Number of equipped ports interface 1	1
Number of ports interface 2 equipped	1
Number of positions/contacts interface 1	8P/8C
Number of positions/contacts interface 2	8P/8C
Module plug-in direction	45° downwards

## Technical Data

### Electrical characteristics

Current carrying capacity	max. 1 A
Contact resistance	max. 20 mOhm
Insulation resistance	min. 500 MOhm

### 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 - Finish	Ni (nickel)
Material - Ground connection	CuSn4

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

### Certifications

RoHS	compliant
UL listed (file no.)	DUXR.E178484



### Technical Data

#### 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
Connectors for electronic equipment	
Free and fixed connectors	DIN EN 60603-7-51:2011-01
Connectors for electronic equipment - Tests and measurements	
Test standard for connectors (plugging and removing connectors under electrical load)	DIN-EN 60512-99-001: 02-2013, Pg. UEL1
Endurance tests	IEC 60512-9-3: 03-2009
Interference proof	
Immunity for industrial environments	DIN EN 61000-6-2:2006-03
Climate tests	IEC 60512-11
Mechanical fastening of electrical devices in switchgears	DIN EN 60715

#### Classifications

ETIM 5.0	EC001024
ETIM 6.0	EC001024

#### Packing details

Type of packaging	10 pc(s) / box
Packaging unit - Weight (gram)	586.00 g
Packaging unit - Weight (pound)	1.29 lb
Packaging dimension (W x H x D)	235.00 x 165.00 x 135.00 mm
Packaging dimension (W x H x D)	9.252 x 6.496 x 5.315 in.



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**Accessories**

P/N	Designation
816979-0105-I	Dust protection covers for Modul patch panels subway / REG yellow
816979-0106-I	Dust protection covers for Modul patch panels subway / REG blue
816979-0107-I	Dust protection covers for Modul patch panels subway / REG green
816979-0108-I	Dust protection covers for Modul patch panels subway / REG red
899011-01	Label sheet for Modul patch panels / REG



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