

## Data sheet

### REGplus IP20 E-DAT modul coupler 180°

Page 1/7

P/N

1309A07003-E

EAN 4250184136576

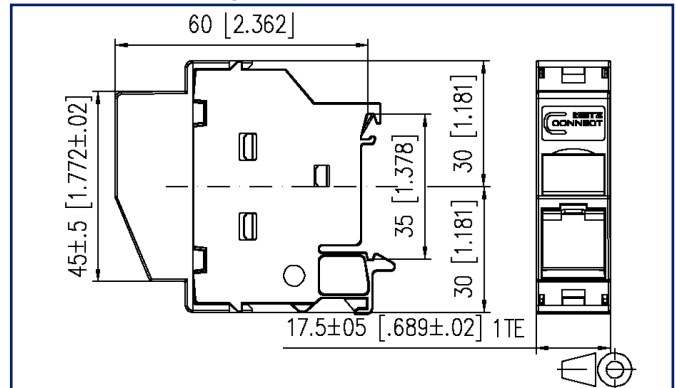
2023/04/17

Version: AD

## 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> according to ISO/IEC 11801, DIN EN 50173-1
- 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°



# P | Cabling

Data sheet

Page 2/7

## REGplus IP20 E-DAT modul coupler 180°

P/N

1309A07003-E

EAN 4250184136576

2023/04/17

Version: AD

### Technical Data

#### General Data

|   |  |
|---|--|
| Fields of application                         | office areas                           |
| Mechanical measurement according to MICE      | M1                                     |
| Ingress measurement according to MICE         | I1                                     |
| Climatic measurement according to MICE        | C1                                     |
| Electromagnetic measurement according to MICE | E2                                     |
| Design  | wall outlet                            |
| Mounting style                                | Standard rail TH35                     |
| Shielding                                     | shielded                               |
| Transmission technology                       | Copper                                 |
| Color   | light gray                             |
| Dimensions                                    |  |
| Dimension (L x W x H)                         | 60 mm x 17.5 mm x 60 mm                |
| Dimension (L x W x H)                         | 2.362 in. x 0.689 in. 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 | IEEE 802.3an   |

# P | Cabling

Data sheet

Page 3/7

## REGplus IP20 E-DAT modul coupler 180°

P/N

1309A07003-E

EAN 4250184136576

2023/04/17

Version: AD

### Technical Data

#### 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 |

#### Elektrische/ Optische Eigenschaften

|                           |               |
|---------------------------|---------------|
| 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)     | PA66                  |
| Material - Lower housing     | PA66                  |
| 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                 |
| RoHS                         | compliant             |

#### Environmental conditions

|                             |  |
|-----------------------------|--|
| Temperature (min. - max.)   |  |
| Temperature - Storage °C    | -40 °C - 70 °C                                     |
| Temperature - Storage °F    | -40 °F - 158 °F                                    |
| Temperature - Operating °C  | -40 °C - 70 °C                                     |
| Temperature - Operating °F  | -40 °F - 158 °F                                    |
| Rapid change of temperature | -40°C / -40°F - +70°C / 158°F / 25 cycles t=30 min |

### Technical Data

#### Approvals

UL listed (file no.)



DUXR.E178484

#### Standards/Regulations

##### 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 (engaging and separating connectors under electrical load) DIN-EN 60512-99-001, 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

#### Classifications

ETIM 5.0 EC001024

ETIM 6.0 EC001024

ETIM 7.0 EC001024

ETIM 8.0 EC001024

ETIM 9.0 EC001024

#### Packing details

Type of packaging 10 pc(s) / box

Packaging unit - Weight (gram) 500 g

Packaging unit - Weight (pound) 1.1 lb

Packaging dimension 235 mm x 165 mm x 135 mm

Packaging dimension 9.252 in. x 6.496 in. x 5.315 in.

### Accessories

| P/N            | Designation   |
|----------------|---|
| 130898-00-I    | BLIND module light gray   |
| 130898-00-RW-I | BLIND module pure white   |
| 130898-01-I    | COAX modul F jack / F jack  |
| 130898-02-I    | COAX modul IEC jack / F jack                                      |
| 130898-03-I    | COAX modul IEC plug / F jack                                      |
| 130908-I-B1    | UAE modul Cat.5e white  |
| 130909-I       | UAE modul Cat.6 jack T568A white                                  |
| 130910-I       | E-DAT modul Cat.6 <sub>A</sub> 8(8) jack, T568A                   |
| 130910-I-B1    | E-DAT modul Cat.6 <sub>A</sub> 8(8) jack, T568B                   |
| 130910-Z       | E-DAT modul Cat.6 <sub>A</sub> 8(8) jack, T568A (12 pcs)          |
| 1309A0-I       | E-DAT modul coupler 8(8) 180° class E <sub>A</sub>                |
| 1309A1-I       | E-DAT modul coupler 8(8) 90° class E <sub>A</sub>                 |
| 130A11-29-I    | UAE modul 8(8) Cat.6 <sub>A</sub> black                           |
| 130A11-I       | UAE modul 8(8) Cat.6 <sub>A</sub> white                           |
| 130B11-25-E    | 25Gmodul  |
| 130B11-25-Z    | 25Gmodul (12 pcs)   |
| 130B11-E       | C6 <sub>A</sub> modul 180° jack                                   |
| 130B11-Z       | C6 <sub>A</sub> modul 180° jack (12 pcs)                          |
| 130B12-E       | C6 <sub>A</sub> modul 270° jack                                   |
| 15091001-I     | OpDAT modul ST OS2  |
| 15091071-I     | OpDAT modul LC-Duplex OS2   |
| 15091072-I     | OpDAT modul LC-Duplex OM3   |
| 15091075-I     | OpDAT modul LC-Duplex OM4   |
| 15091076-I     | OpDAT modul LC-Duplex APC OS2                                     |
| 1509107B-I     | OpDAT modul LC-Duplex OM2   |
| 816979-0103-I  | Dust protection covers for Modul patch panels subway / REG gray   |
| 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    |

# P | Cabling

Data sheet

## REGplus IP20 E-DAT modul coupler 180°

Page 6/7

P/N

1309A07003-E

EAN 4250184136576

2023/04/17

Version: AD

### Accessories

899011-01

Label sheet for Modul patch panels / REG

# P | Cabling

Data sheet

**REGplus IP20 E-DAT modul coupler 180°**

Page 7/7

P/N

1309A07003-E

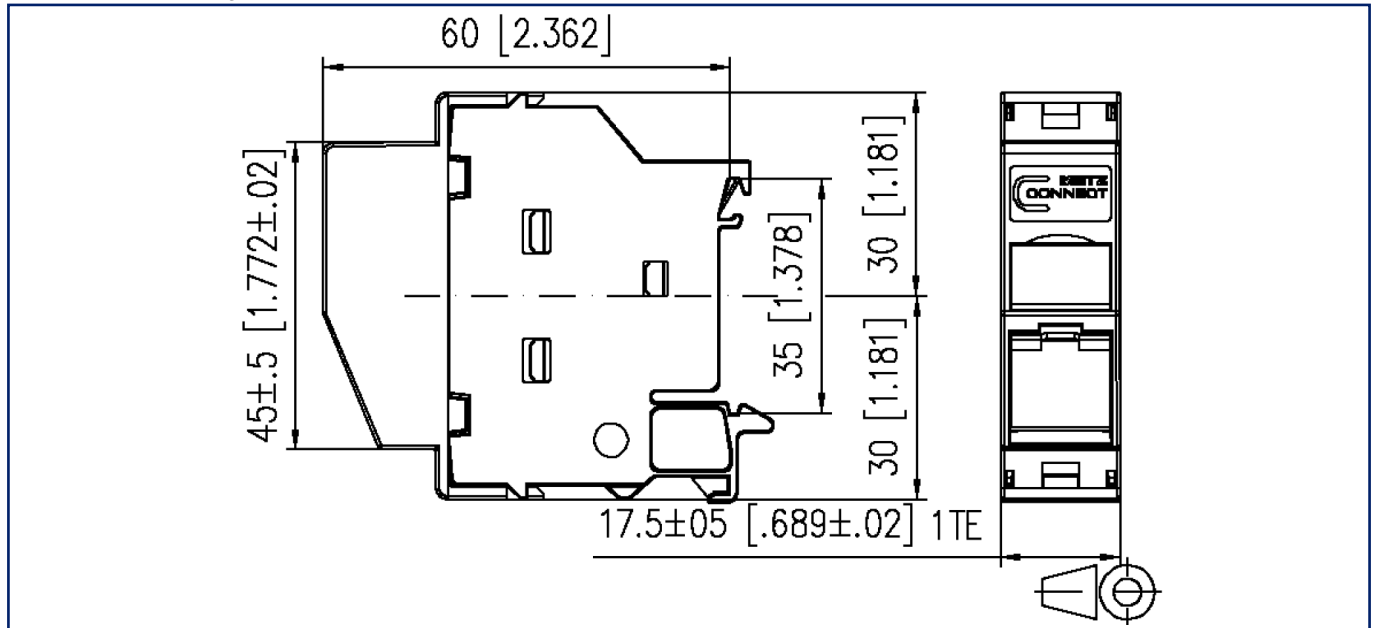
EAN 4250184136576

2023/04/17

Version: AD

## Illustrations

Dimensional drawing



© 2023 METZ CONNECT - Technische Änderungen vorbehalten! Subject to modifications! Sous réserve de modifications techniques!

