

Data sheet

REGplus IP20 C6_Amodul 180° M

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P/N

130B117003-E

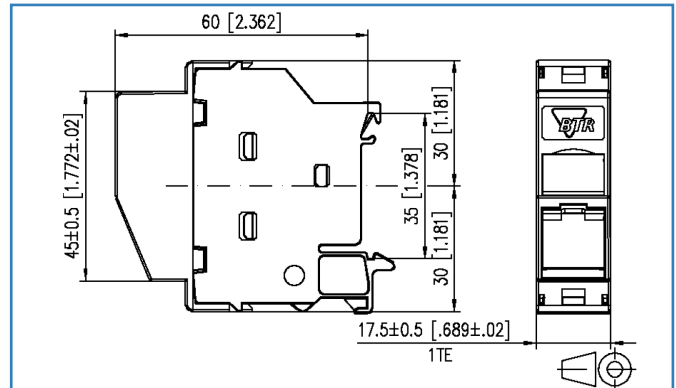
EAN 4250184136545

2015-28-07

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 C6modul 180° RJ45 individual module
- cable feed 45° from the top, plug direction 45° downwards
- certified to GHMT Cat.6 re-embedded PVP
- component testing for Cat.6 to ISO/IEC 11801 Ed.2.2:2011-06, DIN EN 50173-1:2011-09, TIA/EIA-568-C.2 (2009-08) and IEC 60603-7-51 Ed.1 (12/2008), certified to GHMT
- compliance with class E up to 500 MHz to ISO/IEC 11801 Ed.2.2:2011-06, DIN EN 50173-1:2011-09
- tested: component up to 600 MHz, link up to 800 MHz
- for 10 GBit Ethernet (IEEE 802.3an)
- suitable for Power over Ethernet (PoE, PoE plus and UPoE)
- easy to install connection of data lines AWG 26/1 to 22/1 (solid wire) and AWG 26/7 to 22/7 (stranded wire) to insulation displacement connectors (IDC)
- conductor assignment to T568A and T568B is directly printed on the stuffer cap
- 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 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 60.00 mm

Dimension (L x W x H)

2.36 x 0.69 x 2.36 in.

Horizontal pitch

1 TE

Labeling option

label window with identification label

Marking option

by dust protection

Transmission characteristics

Category (ISO)

6_A

Class (ISO/IEC)

E_A

Category (TIA)

6A

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



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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 ²
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 - 22
Conductor cross section, stranded wire	0.141 - 0.355 mm ²
Conductor diameter, stranded wire (bare copper)	0.483 - 0.762 mm
Conductor diameter, stranded wire (bare copper)	0.019 - 0.030 in.

Module plug-in direction	45° downwards
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Cable access/outlet	45° from the top
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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	FeNiCo
Material - Contact finish	Au (gold)
Material - Stuffer cap	PA 6.6 UL94 V0
Material - Ground connection	CuSn4
Material - Strain relief	PA 6.6 UL94 V0



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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 ₂

Certifications

GHMT Component	yes
GHMT PVP	yes
Gost Certification	yes
RoHS	compliant
UL listed (file no.)	DUXR.E178484

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
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)	641.00 g
Packaging unit - Weight (pound)	1.41 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
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



Illustrations

Dimensional drawing

