

Data sheet

REGplus IP20 C6_Amodul 180°M

Page 1/7

P/N

130B117003-E

EAN 4250184136545

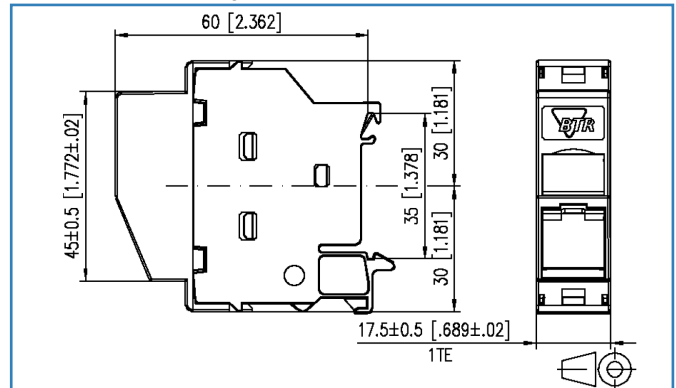
2019/10/25

Version: Z

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 C6_Amodul 180° RJ45 individual module
- cable feed 45° from the top, plug direction 45° downwards
- certified to GHMT Cat.6_A re-embedded PVP
- component testing for Cat.6_A 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_A 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
- suitable for 10 GBit Ethernet (IEEE 802.3an), Remote Powering (PoE, PoE plus, UPoE and 4PPoE) and HDBaseT
- 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
- migration to 25G-systems without special tools
- 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)



Data sheet REGplus IP20 C6_Amodul 180°M

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 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 _A
Class (ISO/IEC)	E _A
Category (TIA)	6A
Remote Powering	yes
PoE	IEEE 802.3af
PoE plus	IEEE 802.3at
UPoE	yes
4PPoE	IEEE 802.3bt
HDBaseT	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 26/1 - AWG 22/1
Conductor cross section, solid wire	0.128 mm ² - 0.324 mm ²
Conductor diameter, solid wire (bare copper)	0.409 mm - 0.643 mm
Conductor diameter, solid wire (bare copper)	0.016 in. - 0.025 in.

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

Conductor cross section, stranded wire	AWG 26/7 - AWG 22/7
Conductor cross section, stranded wire	0.141 mm ² - 0.355 mm ²
Conductor diameter, stranded wire (bare copper)	0.483 mm - 0.762 mm
Conductor diameter, stranded wire (bare copper)	0.019 in. - 0.03 in.

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

Elektrische/ Optische Eigenschaften

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 - 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 - Finish	Ni (nickel)
Material - Ground connection	CuSn4
Material - Strain relief	PA 6.6 UL94 V0
RoHS	compliant



Technical Data

Environmental conditions

Temperature (min. - max.)	
Temperature - Storage Å°C	-40 °C - 70 °C
Temperature - Storage Å°F	-40 °F - 158 °F
Temperature - Operating °C	-40 °C - 70 °C
Temperature - Operating °F	-40 °F - 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	E2

Certifications

GHMT PVP	yes
----------	-----

Approvals

UL listed (file no.)		DUXR.E178484
----------------------	--	--------------

The product meets the following standards

Generic cabling systems	
General requirements	ANSI/TIA-568
Connectors for electronic equipment	
Free and fixed connectors	DIN EN 60603-7-51:2011-01
Connectors for electronic equipment - Tests and measurements	
Test schedule for connectors	DIN-EN 60512-99-001, DIN-EN 60512-99-002
Interference proof	
Immunity for industrial environments	DIN EN 61000-6-2:2006-03

Technical Data

Classifications

ETIM 5.0	EC001024
ETIM 6.0	EC001024
ETIM 7.0	EC001024

Packing details

Type of packaging	10 pc(s) / box
Packaging unit - Weight (gram)	641 g
Packaging unit - Weight (pound)	1.41 lb
Packaging dimension	235 mm x 165 mm x 135 mm
Packaging dimension	9.252 in. x 6.496 in. x 5.315 in.

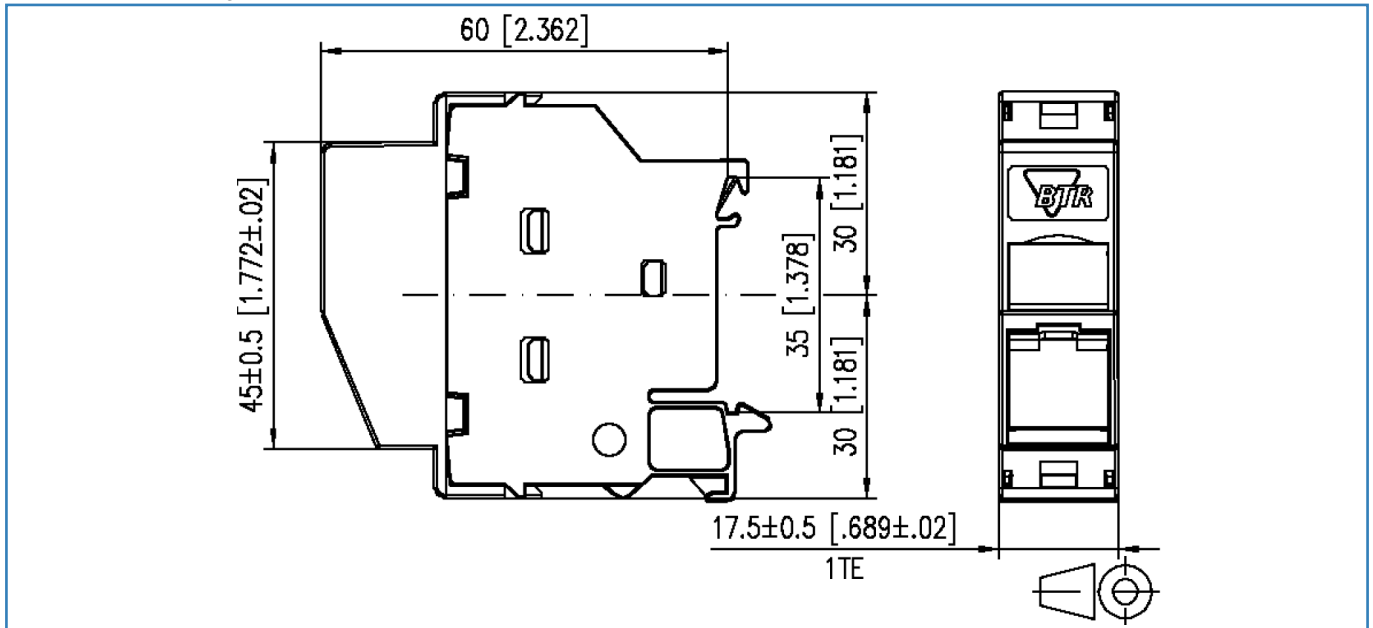
Accessories

P/N	Designation
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



© 2019 METZ CONNECT - Technische Änderungen vorbehalten! Subject to modifications! Sous réserve de modifications techniques!

