

Data sheet

C6_Amodul 3 port 270°M UP0

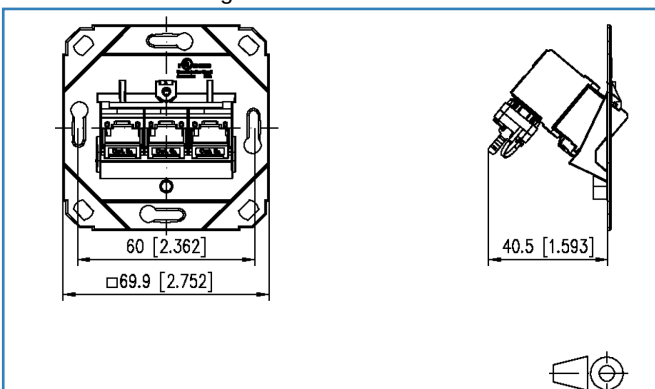
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P/N
130B12D31200-E
EAN 4250184131953
2019/10/25
Version: Y

Illustrations



Dimensional drawing



See enlarged drawings at the end of document

Product specification

- raceway termination unit with C6_Amodul 270°
- 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
- 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
- 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)
- module plug direction 45° downwards
- strain relief snapped on to stuffer cap
- compatible with "design" central units of switch lines
- suitable for mounting in standard flush-mounted and cavity wall casings, except 3 port version!
- variants: 1 port, 2 ports, 3 ports

Technical Data

General Data

Fields of application

Office

Design

wall outlet

Shielding

shielded

Transmission technology

Copper

Wiring

T568A, T568B

Color

metallike

Dimensions

Dimension (L x W x H)

40.5 mm x 69.9 mm x 69.9 mm

Dimension (L x W x H)

1.594 in. x 2.752 in. x 2.752 in.

Modularity

yes

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

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

3

Number of ports interface 2 equipped

3

Number of positions/contacts interface 1

3 x 8

Number of positions/contacts interface 2

3 x 8P/8C



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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	270°

Elektrische/ Optische Eigenschaften

Current carrying capacity	max. 1 A
Rated voltage	max. 50 V
Contact resistance	max. 20 mOhm
Through resistance	max. 200 mOhm
Insulation resistance	min. 500 MOhm
Dielectric strength conductor-conductor (secondary)	max. 1000 V DC

Mechanical characteristics

Cut-out	module
Insertion and withdrawal force	max. 30 N
Position/mounting of latch - standard installation position	top
strain relief	latching clip

Materials and material properties

Material - Housing	GD-Zn (zinc die-cast)
Material - Supporting frame	GD-Zn (zinc die-cast)
Material - Contact	Spring steel
Material - Contact finish	Au (gold)
Material - Shield	GD-Zn (zinc die-cast)
Material - Stuffer cap	PA 6.6 UL94 V0
Material - Finish	Ni (nickel)

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Materials and material properties

Material - Strain relief	PA 6.6 UL94 V0
RoHS	compliant

Environmental conditions

Temperature (min. - max.)	
Temperature - Storage Â°C	-40 °C - 70 °C
Temperature - Storage Â°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
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Approvals

CE	compliant
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The product meets the following standards

Generic cabling systems	
General requirements	ANSI/TIA-568-C
Office buildings	ISO/IEC 11801 Ed.2.2: 2011-06 DIN EN 50173-2 ANSI/TIA-568-C
Living units	ISO/IEC 15018 DIN EN 50173-4 ANSI/TIA-570-B
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	EC001264
ETIM 6.0	EC001264
ETIM 7.0	EC001264

Packing details

Type of packaging	10 pc(s) / box
Packaging unit - Weight (gram)	1413 g
Packaging unit - Weight (pound)	3.12 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
130829-4301-I	Surface mount frame 85 x 85 x 43 mm - single, pearl white
130829-4302-I	Surface mount frame 85 x 85 x 43 mm - single, pure white
1308895010-I	T-Slot Mounting Bracket for Wall Outlets - Horizontal Mounting 50 mm, without separation cup
1308895011-I	T-Slot Mounting Bracket for Wall Outlets - Horizontal Mounting 50 mm, with separation cup
1308895020-I	DIN Rail Mounting Bracket for Wall Outlets - Horizontal Mounting 50 mm, without separation cup
1308895021-I	DIN Rail Mounting Bracket for Wall Outlets - Horizontal Mounting 50 mm, with separation cup
1308895040-I	T-Slot mounting bracket for wall outlets - Vertical Mounting 50 mm, without separation cup
1308895041-I	T-Slot mounting bracket for wall outlets - Vertical Mounting 50 mm, with separation cup
1308895220-I	DIN Rail Mounting Bracket for Wall Outlets - Horizontal Mounting 52 mm, without separation cup
1308895221-I	DIN Rail Mounting Bracket for Wall Outlets - Horizontal Mounting 52 mm, with separation cup
1308895510-I	T-Slot Mounting Bracket for Wall Outlets - Horizontal Mounting 55 mm, without separation cup
1308895511-I	T-Slot Mounting Bracket for Wall Outlets - Horizontal Mounting 55 mm, with separation cup
1308895520-I	DIN Rail Mounting Bracket for Wall Outlets - Horizontal Mounting 55 mm, without separation cup
1308895521-I	DIN Rail Mounting Bracket for Wall Outlets - Horizontal Mounting 55 mm, with separation cup
1308895540-I	T-Slot mounting bracket for wall outlets - Vertical Mounting 55 mm, without separation cup
1308895541-I	T-Slot mounting bracket for wall outlets - Vertical Mounting 55 mm, with separation cup
130889ADTK-I	Mounting bracket ADTK for OBO
130889ADTSA-I	Mounting bracket ADTSA for OBO
130889FKH-I	Mounting bracket FR for Kleinhuis
130889FNI-I	Mounting bracket FR for Niedax
130889FTE-I	Mounting bracket FR for Tehalit
820395-0101-I	Cover plate for E-DAT modul and E-DAT design (matt) wall outlets, pearl white
820395-0102-I	Cover plate for E-DAT modul and E-DAT design (matt) wall outlets, pure white



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