

Data sheet

C6_Amodul 6 port 180°M 1RU

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P/N
130B11P2-E

EAN 4250184131762

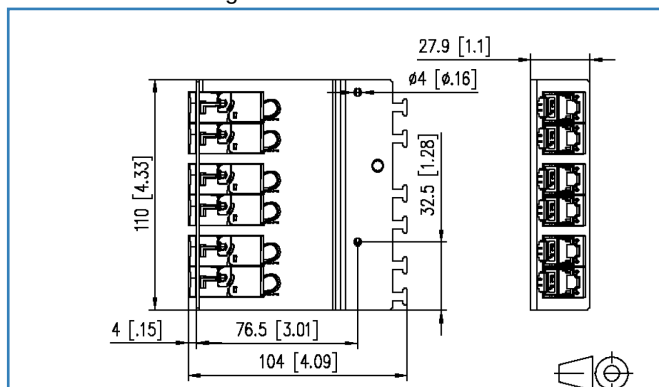
2019/10/25

Version: W

Illustrations



Dimensional drawing



See enlarged drawings at the end of document

Product specification

- module frame with 6 individual C6_Amodul 180°
- 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
- 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)
- migration to 25G-systems without special tools
- strain relief directly snapped on to stuffer cap of C6_Amodul
- for mounting in surface-mounted housing, top hat rail adapter or 1RU module frame
- optional strain relief using cable ties
- grounding bolt M6 x 10 with nut and lock washer



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Technical Data

General Data

Fields of application

	Office
Design	patch panel
Mounting style	1RU
Shielding	shielded
Transmission technology	Copper
Wiring	T568A, T568B
Color	stainless steel
Dimensions	
Dimension (L x W x H)	104 mm x 110 mm x 27.9 mm
Dimension (L x W x H)	4.094 in. x 4.331 in. x 1.098 in.
Height unit	1RU
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
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	6
Number of ports interface 2 equipped	6
Number of positions/contacts interface 1	6 x 8
Number of positions/contacts interface 2	6 x 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 mm² - 0.324 mm²

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 mm² - 0.355 mm²

Conductor diameter, stranded wire (bare copper) 0.483 mm - 0.762 mm

Conductor diameter, stranded wire (bare copper) 0.019 in. - 0.03 in.

Cable access/outlet 180°

Grounding wire length 0.3 m

Grounding wire length 0.98 ft

Ground connection grounding bolt M6x10 with nut and lock washer

Electrical characteristics

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

Position/mounting of latch - standard installation top

position

strain relief latching clip

Materials and material properties

Material - Jack housing GD-Zn (zinc die-cast)

Material - Jack contact Spring steel

Material - Jack contact finish Au (gold)

Material - Jack shield GD-Zn (zinc die-cast)

Material - Stuffer cap PA 6.6 UL94 V0



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Materials and material properties

Material - Strain relief	PA 6.6 UL94 V0
Material - Module support	stainless steel
Material - Finish	Ni (nickel)
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
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	ISO/IEC 11801-1 DIN EN 50173-1 ANSI/TIA-568-C.2
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	EC001128
ETIM 6.0	EC001128
ETIM 7.0	EC001128

Packing details

Type of packaging	1 pc(s) / box
Packaging unit - Weight (gram)	496 g
Packaging unit - Weight (pound)	1.09 lb
Packaging dimension	145 mm x 182 mm x 40 mm
Packaging dimension	5.709 in. x 7.165 in. x 1.575 in.

Accessories

P/N	Designation
820032-0102-I	Dust protection cover for C6 _A modul pure white
820032-0103-I	Dust protection cover for C6 _A modul light gray
820032-0105-I	Dust protection cover for C6 _A modul yellow
820032-0106-I	Dust protection cover for C6 _A modul blue
820032-0107-I	Dust protection cover for C6 _A modul green
820032-0108-I	Dust protection cover for C6 _A modul red
820032-0129-I	Dust protection cover for C6 _A modul black

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