

Data sheet

C6_Amodul 24 port 180°M 1RU stainless steel

Page 1/7

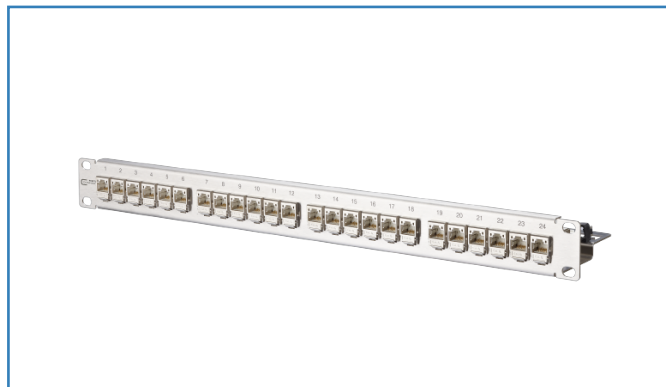
P/N

130B11P1-E

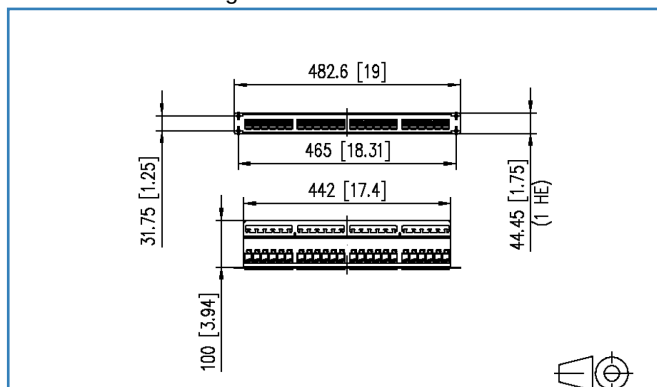
EAN 4250184131755

2017-07-03

Illustrations



Dimensional drawing



See enlarged drawings at the end of document



Product specification

- 19 inch 1RU stainless steel module frame with 24 individual modules C6modul 180°
- 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
- suitable for 10 GBit Ethernet (IEEE 802.3an), Remote Powering (PoE, PoE plus and UPoE) 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)
- strain relief directly snapped on to stuffer cap of C6modul
- optional strain relief on patch panel using cable ties
- grounding bolt M6 x 10 with nut and lock washer
- incl. 30 cm grounding cable
- all fully shielded modules are connected by means of the stainless steel module frame



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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)

100.00 x 482.60 x 44.45 mm

Dimension (L x W x H)

3.937 x 19.00 x 1.75 in.

Inches

19 inches

Height unit

1RU

Modularity

yes

Labeling option

printed numbers

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

24

Number of ports interface 2 equipped

24

Number of positions/contacts interface 1

24 x 8

Number of positions/contacts interface 2

24 x 8P/8C



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Connections/interfaces

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

Conductor cross section, solid wire	AWG 26/1 - 22/1
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 26/7 - 22/7
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.

Cable access/outlet 180°

Grounding wire length 0.30 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	Modul
Position/mounting of latch - standard installation position	top
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)

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
Electromagnetic measurement	E ₂

Certifications

GHMT PVP



Approvals

CE	compliant
RoHS	compliant

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 (2009-08)
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: 02-2013, 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



Data sheet

Page 5/7

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Classifications

ETIM 5.0	EC001128
ETIM 6.0	EC001128

Packing details

Type of packaging	1 pc(s) / box
Packaging unit - Weight (gram)	1650.00 g
Packaging unit - Weight (pound)	3.64 lb
Packaging dimension (W x H x D)	520.00 x 180.00 x 46.00 mm
Packaging dimension (W x H x D)	20.472 x 7.087 x 1.811 in.



Accessories

P/N	Designation
899011-01	Label sheet for Modul patch panels / REG
820032-0129-I	Dust protection cover for C6 _A modul black
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
820032-0102-I	Dust protection cover for C6 _A modul pure white



Illustrations

Dimensional drawing

