

Data sheet

C6_Amodul 48 port 180°M 1.5RU stainless steel

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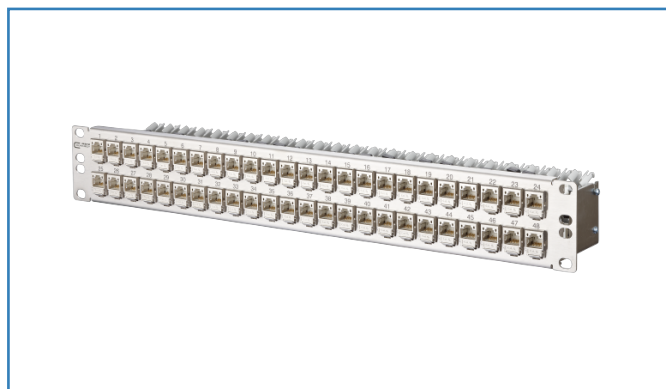
P/N

130B11P4-E

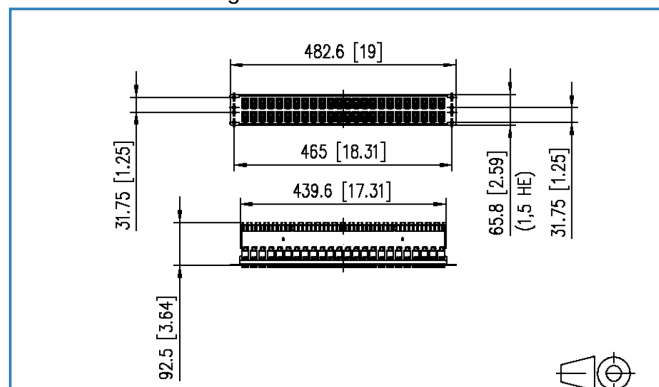
EAN 4250184131786

2017-07-03

Illustrations



Dimensional drawing



See enlarged drawings at the end of document



Product specification

- 19 inch 1.5RU stainless steel module frame with 48 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	1.5RU
Shielding	shielded
Transmission technology	Copper
Wiring	T568A, T568B
Color	stainless steel
Dimensions	
Dimension (L x W x H)	92.50 x 482.60 x 65.80 mm
Dimension (L x W x H)	3.642 x 19.00 x 2.591 in.
Inches	19 inches
Height unit	1.5RU
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	48
Number of ports interface 2 equipped	48
Number of positions/contacts interface 1	48 x 8
Number of positions/contacts interface 2	48 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



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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)	2935.00 g
Packaging unit - Weight (pound)	6.47 lb
Packaging dimension (W x H x D)	540.00 x 165.00 x 65.00 mm
Packaging dimension (W x H x D)	21.26 x 6.496 x 2.559 in.



Accessories

P/N	Designation
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

