

Data sheet

C6_Amodul 24 port 180°M 1RU

Page 1/7

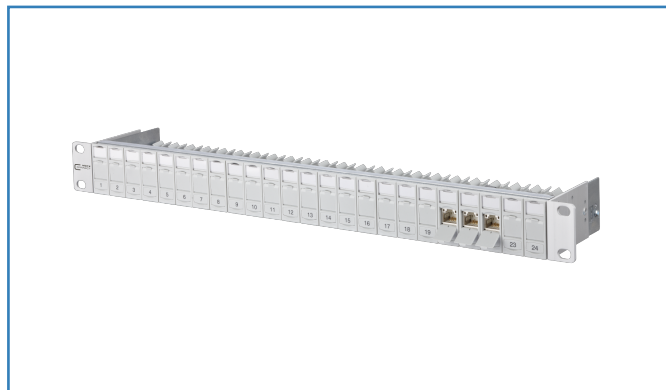
P/N
130B11P0-E

EAN 4250184131601

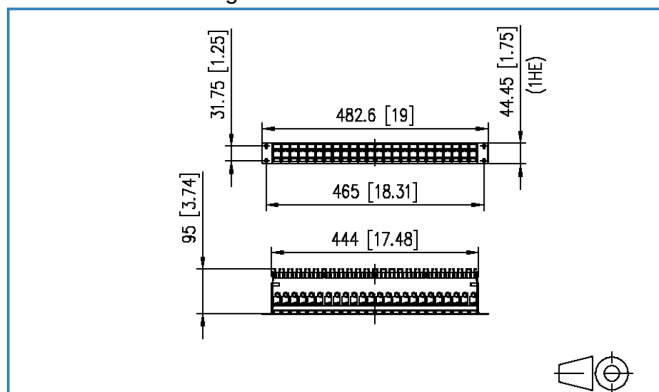
2019/10/25

Version: X

Illustrations



Dimensional drawing



See enlarged drawings at the end of document

Product specification

- 19 inch 1RU module frame with 24 individual modules 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
- module frame front made of silver or black anodized aluminum
- plastic module support with dust protection covers (other colors available as accessory); detachable to the front
- integrated cable support with optional strain relief
- label window for enclosed identification labels
- label sheet 210 x 297 mm see accessory
- grounding bolt M6 x 10 with nut and lock washer
- incl. 30 cm grounding cable
- all fully shielded modules connected by means of grounding rail



Technical Data

General Data

Fields of application

	Office
Design	patch panel
Mounting style	1RU
Shielding	shielded
Transmission technology	Copper
Wiring	T568A, T568B
Color	light gray
Dimensions	
Dimension (L x W x H)	95 mm x 482.6 mm x 44.45 mm
Dimension (L x W x H)	3.74 in. x 19 in. x 1.75 in.
Inches	19 inches
Height unit	1RU
Modularity	yes
Labeling option	label window with identification label + printed numbers
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



Technical Data

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 ports with dust protection interface 2	24
Number of positions/contacts interface 1	24 x 8
Number of positions/contacts interface 2	24 x 8P/8C
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.
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



P | Cabling

Data sheet

C6_Amodul 24 port 180°M 1RU

Page 4/7

P/N

130B11P0-E

EAN 4250184131601

2019/10/25

Version: X

Technical Data

Mechanical characteristics

Cut-out	module
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	FeNiCo
Material - Jack contact finish	Au (gold)
Material - Jack shield	GD-Zn (zinc die-cast)
Material - Stuffer cap	PA 6.6 UL94 V0
Material - Strain relief	PA 6.6 UL94 V0
Material - Front cover	Al (Aluminium)
Material - Front cover finish	silver anodized
Material - Module support	ABS
Material - Cable guide	ABS
Material - Dust protection	ABS
Material - Label window	ABS, transparent
Material - Finish	Ni (nickel)
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
Electromagnetic measurement	E2

Certifications

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



P | Cabling

Data sheet

C6_Amodul 24 port 180°M 1RU

Page 5/7

P/N

130B11P0-E

EAN 4250184131601

2019/10/25

Version: X

Technical Data

Approvals

CE compliant

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

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) 1370 g

Packaging unit - Weight (pound) 3.02 lb

Packaging dimension 520 mm x 180 mm x 46 mm

Packaging dimension 20.472 in. x 7.087 in. x 1.811 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

