

Data sheet

C6_Amodul 3 port 180°M AP pure white

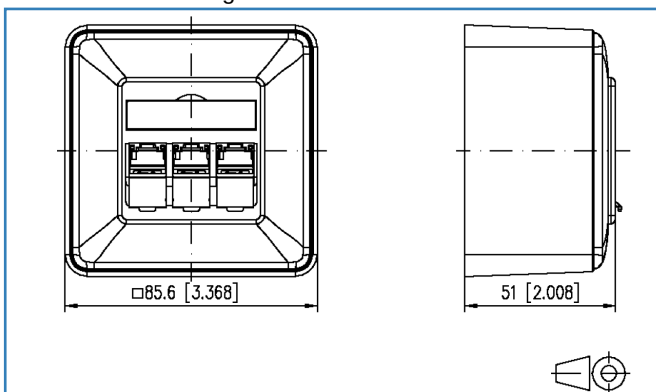
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P/N
130B11D30002-E
EAN 4250184136712
2019/10/25
Version: AA

Illustrations



Dimensional drawing



See enlarged drawings at the end of document



Product specification

- surface-mount termination unit with 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, 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 plug direction 45° downwards
- strain relief snapped on to stuffer cap
- with label window for enclosed identification labels
- label sheet 209 x 294 mm see accessory
- integrated dust protection covers (also colored)
- cover parts in pure white RAL 9010, structured surface with matt finish
- variants: 1 port, 2 ports, 3 ports



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Technical Data

General Data

Fields of application

	Office
Design	wall outlet
Mounting style	surface mount
Shielding	shielded
Transmission technology	Copper
Wiring	T568A, T568B
Color	Pure white
Dimensions	
Dimension (L x W x H)	51 mm x 85.6 mm x 85.6 mm
Dimension (L x W x H)	2.008 in. x 3.37 in. x 3.37 in.
Modularity	yes
Labeling option	label window with identification label
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
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
Number of ports with dust protection interface 2	3



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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	180°

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 - Surface mount frame	ABS, impact resistant
Material - Cover part(s)	ABS
Material - Supporting frame	GD-Zn (zinc die-cast)
Material - Label window	ABS, transparent
Material - Dust protection	ABS
Material - Contact	Spring steel



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Materials and material properties

Material - Contact finish	Au (gold)
Material - Shield	GD-Zn (zinc die-cast)
Material - Stuffer cap	PA 6.6 UL94 V0
Material - Finish	Ni (nickel)
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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UL listed (file no.)		DUXR.E178484
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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



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The product meets the following standards

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 EC001264

ETIM 6.0 EC001264

ETIM 7.0 EC001264

Packing details

Type of packaging 10 pc(s) / box

Packaging unit - Weight (gram) 2144 g

Packaging unit - Weight (pound) 4.73 lb

Packaging dimension 340 mm x 266 mm x 126 mm

Packaging dimension 13.386 in. x 10.472 in. x 4.961 in.

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Accessories

P/N	Designation
820394-0105-I	Dust protection covers for wall outlets yellow
820394-0106-I	Dust protection covers for wall outlets blue
820394-0107-I	Dust protection covers for wall outlets green
820394-0108-I	Dust protection covers for wall outlets red
899650-01	Label sheet for wall outlets

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