

Data sheet

C6_Amodul 1 port 270°M AP pure white

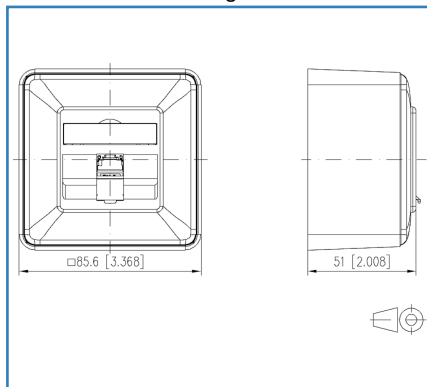
Page 1/7

P/N
130B12D10002-E
EAN 4250184136729
2019/06/19
Version: Y

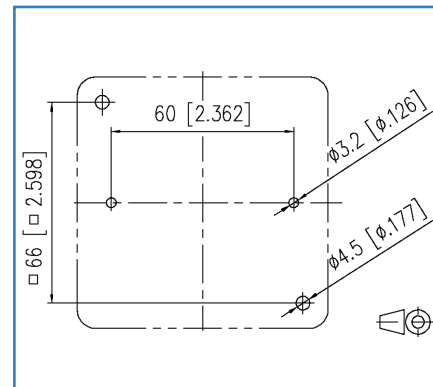
Illustrations



Dimensional drawing



Cut-out



See enlarged drawings at the end of document



Product specification

- surface-mount termination unit with C6_Amodul 270°
- 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)
- 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

C6_Amodul 1 port 270°M AP pure white

P/N

130B12D10002-E

EAN 4250184136729

2019/06/19

Version: Y

Technical Data

General Data

Fields of application	
Field of application	Office
Design	wall outlet
Mounting style	surface mount
Shielding	shielded
Transmission technology	Copper
Color	Pure white
Dimensions	
Dimension	51 mm x 85.6 mm x 85.6 mm
Dimension	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)	EA
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	1
Number of ports interface 2 equipped	1
Number of positions/contacts interface 1	8
Number of positions/contacts interface 2	8P/8C
Number of ports with dust protection interface 2	1



C6_Amodul 1 port 270°M AP pure white

P/N

130B12D10002-E

EAN 4250184136729

2019/06/19

Version: Y

Technical Data

Connections/interfaces

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

Conductor cross section, solid wire	26/1 - 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	26/7 - 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	270°

Elektrische/ Optische Eigenschaften

Current carrying capacity	1
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 - Supporting frame	GD-Zn (zinc die-cast)
Material - Label window	ABS, transparent
Material - Contact	Spring steel
Material - Contact finish	Au (gold)
Material - Shield	GD-Zn (zinc die-cast)



P | Cabling

Data sheet

Page 4/7

C6_Amodul 1 port 270°M AP pure white

P/N

130B12D10002-E

EAN 4250184136729

2019/06/19

Version: Y

Technical Data

Materials and material properties

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 Â°C	-40 °C - 70 °C
Temperature - Operating Â°F	-40 °F - 158 °F
Particulate ingress	IP2X
Rapid change of temperature	-40°C / -40°F - +70°C / 158°F / 25 cycles t=30 min
Electromagnetic measurement	E2

Certifications

GHMT PVP



Approvals

CE	compliant
----	-----------

The product meets the following standards

Generic cabling systems	
General requirements	TIA/EIA 568-C
Office buildings	TIA/EIA 568-C
Connectors for electronic equipment - Tests and measurements	
Test schedule for connectors	DIN-EN 60512-99-001, DIN-EN 60512-99-002

Classifications

ETIM 5.0	EC001264
ETIM 6.0	EC001264
ETIM 7.0	EC001264



C6_Amodul 1 port 270°M AP pure white

P/N

130B12D10002-E

EAN 4250184136729

2019/06/19

Version: Y

Technical Data

Packing details

Type of packaging	10 pc(s) / box
Packaging unit - Weight (gram)	1490 g
Packaging unit - Weight (pound)	3.28 lb
Packaging dimension	340 mm x 266 mm x 126 mm
Packaging dimension	13.386 in. x 10.472 in. x 4.961 in.



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

P | Cabling

Data sheet

C6_Amodul 1 port 270°M AP pure white

Page 7/7

P/N

130B12D10002-E

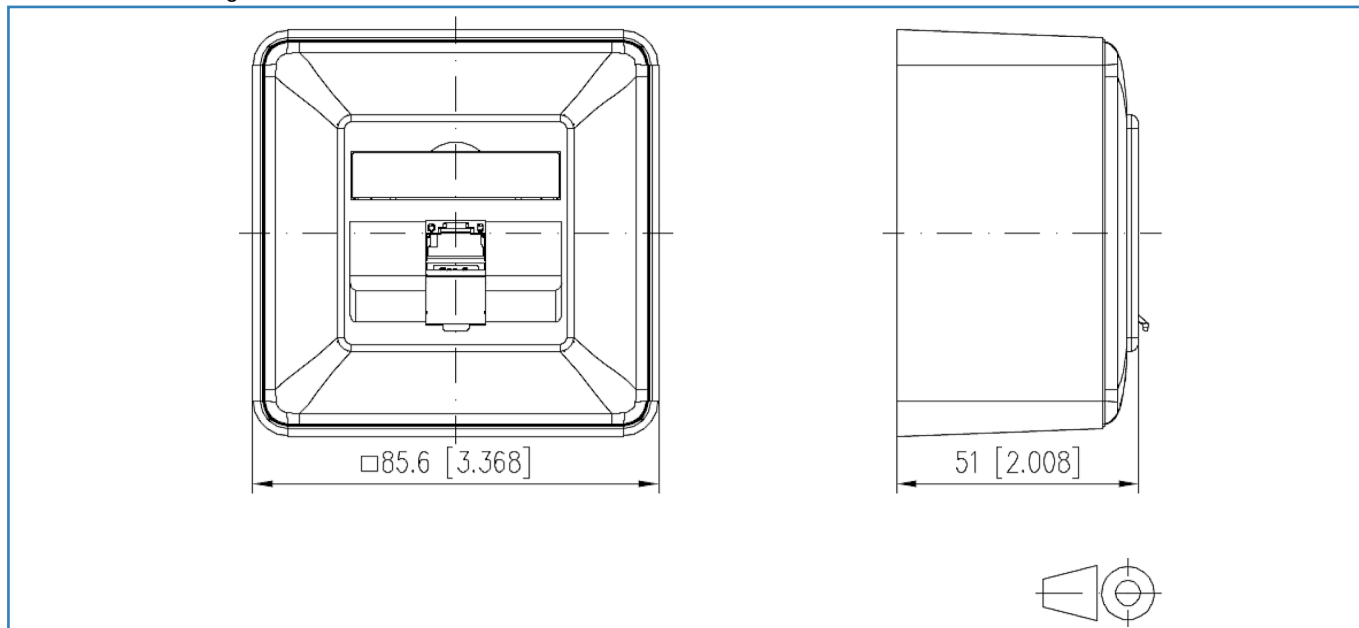
EAN 4250184136729

2019/06/19

Version: Y

Illustrations

Dimensional drawing



Cut-out

