

Data sheet

UTP modul 8(8) Cat.6 white

Page 1/6

P/N

130A10-I-B1

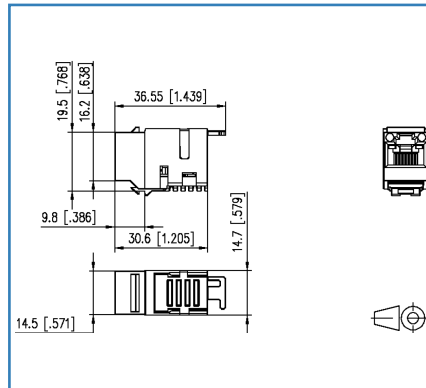
EAN 4250184164340

2017-19-12

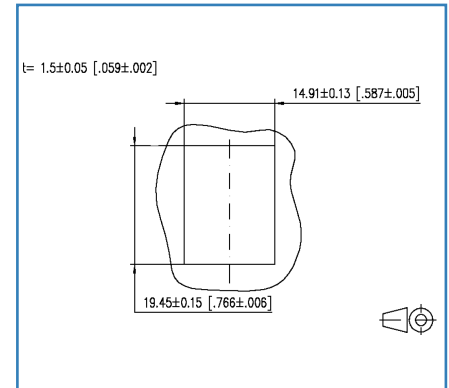
Illustrations



Dimensional drawing



Cut-out



See enlarged drawings at the end of document



Product specification

- unshielded Cat.6 class E UTP module
- for Gigabit Ethernet
- compliance with class E to ISO/IEC 11801 Ed.2.2:2011-06, DIN EN 50173-1:2011-09
- suitable for Remote Powering (PoE, PoE plus and UPoE) and HDBaseT
- easy to install connection of 2 to 4 pair data cables AWG 26/1 to 22/1 (solid wire) and stranded wires with 7 copper conductors AWG 26/7 to 22/7 to insulation displacement connectors (IDC)
- optional strain relief with cable tie at UTP module
- installation shape: Keystone
- variants: designation of conductor colors marking to T568A and T568A, housing colors white or black



Data sheet

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Page 2/6

P/N

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Technical Data

General Data

Design	Jack
Shielding	unshielded
Transmission technology	Copper
Wiring	T568A, T568B
Color	white
Dimensions	
Dimension (L x W x H)	36.55 x 14.70 x 19.50 mm
Dimension (L x W x H)	1.439 x 0.579 x 0.768 in.
Modularity	yes
Labeling option	on housing

Transmission characteristics

Category (ISO)	6
Class (ISO/IEC)	E
Category (TIA)	6
Remote Powering	yes
PoE	IEEE 802.3af
PoE plus	IEEE 802.3at
UPoE	yes
HDBaseT	yes

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
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.



Technical Data

Connections/interfaces

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

Conductor cross section, stranded wire AWG 26/7

Conductor cross section, stranded wire 0.141 mm²

Conductor diameter, stranded wire (bare copper) 0.483 mm

Conductor diameter, stranded wire (bare copper) 0.019 in.

Cable access/outlet 180°

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) min. 1000 V DC

Mechanical characteristics

Cut-out Keystone

Mounting method snap-in function

Insertion and withdrawal force max. 20 N

Life - Number of mating cycles min. 750

Position/mounting of latch - standard installation position bottom

strain relief with cable tie, attached to module

Materials and material properties

Material - Housing PA 6.6 UL94 V0

Material - Contact CuSn (tin bronze)

Material - Contact finish Ni + Au (nickel-gold)

Material - Stuffer cap PA 6.6 UL94 V0

Material - Strain relief PA 6.6 UL94 V0



Data sheet UTP modul 8(8) Cat.6 white

Page 4/6

P/N
130A10-I-B1

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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
Rapid change of temperature	-40°C / -40°F - +70°C / 158°F / 25 cycles t=30 min
Electromagnetic measurement	E ₁

Approvals

RoHS	compliant
UL listed (file no.)	 DUXR.E178484 US LISTED

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
Office buildings	ISO/IEC 11801 Ed.2.2: 2011-06 DIN EN 50173-2: 2011-09 TIA/EIA 568-C
Living units	ISO/IEC 15018 DIN EN 50173-4: 2011-09 TIA/EIA 570-B
Connectors for electronic equipment	
Free and fixed connectors	DIN EN 60603-7-4:2011-03
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
Climate tests	IEC 60512-11



Data sheet

UTP modul 8(8) Cat.6 white

Page 5/6

P/N

130A10-I-B1

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Classifications

ETIM 5.0	EC001121
ETIM 6.0	EC001121

Packing details

Type of packaging	10 pc(s) / box
Packaging unit - Weight (gram)	205.00 g
Packaging unit - Weight (pound)	0.45 lb
Packaging dimension (W x H x D)	247.00 x 161.00 x 58.00 mm
Packaging dimension (W x H x D)	9.724 x 6.339 x 2.283 in.



P | Cabling

Data sheet

UTP modul 8(8) Cat.6 white

Page 6/6

P/N

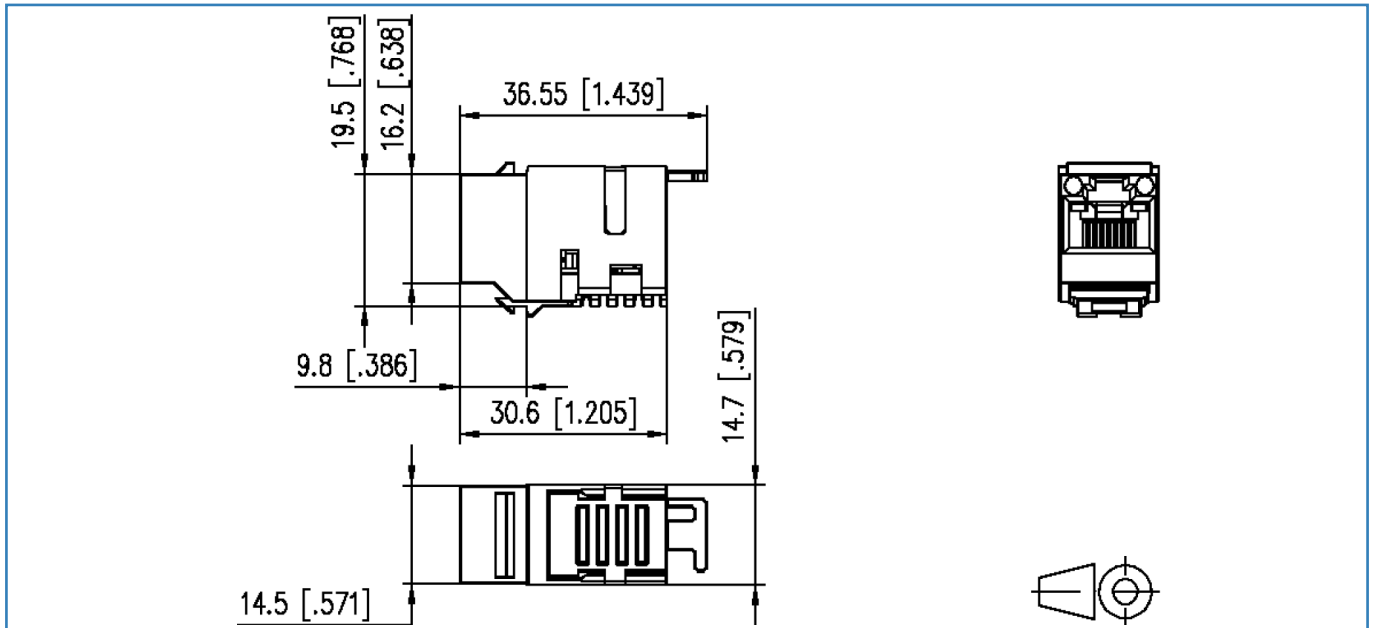
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