

Data sheet

UTP modul Cat.5e white

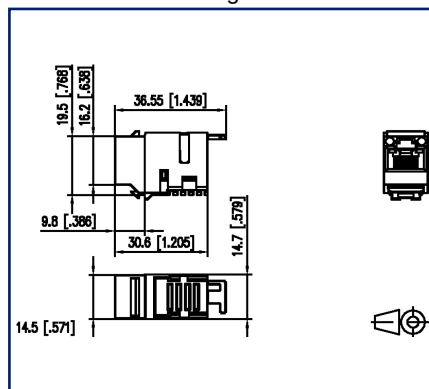
Page 1/7

P/N
130A08-I-B1
EAN 4250184118374
2026/08/21
Version: AR

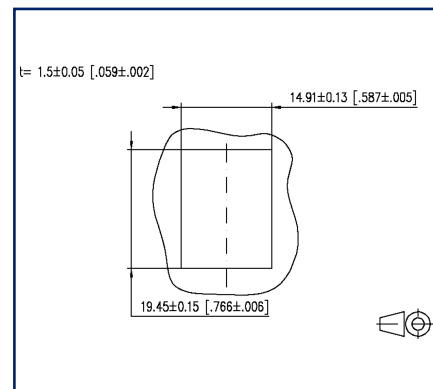
Illustrations



Dimensional drawing



Cut-out



See enlarged drawings at the end of document

Product specification

- unshielded Cat.5 class D UTP module
- suitable for 1 GBit Ethernet (IEEE 802.3an), Remote Powering (PoE, PoE plus, UPoE and 4PPoE) and HDBaseT
- compliance with class D according to ISO/IEC 11801, DIN EN 50173-1
- easy to install connection of 2 to 4-pair data lines AWG 24/1 - 22/1 and stranded wires with 7 copper conductors AWG 26/7 to BTR 8-fold 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 T568B

Data sheet

UTP modul Cat.5e white

Page 2/7

P/N
130A08-I-B1
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Technical Data

General Data

Mechanical measurement according to MICE	M1
Ingress measurement according to MICE	I1
Climatic measurement according to MICE	C1
Electromagnetic measurement according to MICE	E1
Design	Jack
Shielding	unshielded
Transmission technology	Copper
Wiring	T568A, T568B
Color	white
Dimensions	
Dimension (L x W x H)	36.55 mm x 14.7 mm x 19.5 mm
Dimension (L x W x H)	1.439 in. x 0.579 in. x 0.768 in.
Modularity	yes
Labeling option	on housing

Transmission characteristics

Category (ISO)	5e
Class (ISO/IEC)	D
Category (TIA)	5e
Remote Powering	yes
PoE	IEEE 802.3af
PoE plus	IEEE 802.3at
UPoE	yes
4PPoE	IEEE 802.3bt
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



Data sheet

UTP modul Cat.5e white

Page 3/7

P/N
130A08-I-B1
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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
Conductor cross section, stranded wire	0.141 mm ²
Conductor diameter, stranded wire	0.483 mm
Conductor diameter, stranded wire	0.019 in.

Cable access/outlet 180°

Mechanical data

Cut-out	Keystone
Mounting method	snap-in function
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
Halogen free	yes
RoHS	compliant

Approvals

UL listed (file no.)



DUXR.E178484

Data sheet

UTP modul Cat.5e white

Page 4/7

P/N
130A08-I-B1
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Technical Data

Standards/Regulations

Generic cabling systems

General requirements ANSI/TIA-568-C

Connectors for electronic equipment

Free and fixed connectors DIN EN 60603-7-2:2011-03

Connectors for electronic equipment - Tests and measurements

Test standard for connectors (engaging and separating connectors under electrical load) DIN-EN 60512-99-001, Pg. UEL1

Endurance tests IEC 60512-9-3: 03-2009

Classifications

ETIM 7.0 EC001121

ETIM 8.0 EC001121

ETIM 9.0 EC001121

ETIM 10.0 EC001121

Packing details

Type of packaging 10 pc(s) / box

Application note

This product is a standard product of METZ CONNECT. METZ CONNECT is not aware of the specific intended use of the goods by the Customer or any customers of the Customer. The Customer guarantees that it has fully and sufficiently tested the use of the goods and any product modifications, product changes or product enhancements with regard to the specific intended use in accordance with the state of the art or in any other way.

Data sheet

UTP modul Cat.5e white

Page 5/7

P/N
130A08-I-B1
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Accessories from

P/N	Designation
130861-0202KE	Keystone surface mount housing 2 port pure white, unequipped
130861-0302KE	Keystone surface mount housing 3 port pure white, unequipped
130861-0402KE	Keystone surface mount housing 4 port pure white, unequipped
130861-0602KE	Keystone surface mount housing 6 port pure white, unequipped
130861-0802KE	Keystone surface mount housing 8 port pure white, unequipped
130861-1202KE	Keystone surface mount housing 12 port pure white, unequipped
130861-1602KE	Keystone surface mount housing 16 port pure white, unequipped
130861-2402KE	Keystone surface mount housing 2x12 port pure white, unequipped
130910D1APLKE	Extension box 1 Port E-DAT Modul Keystone
130910D2APLKE	Extension box 2 port E-DAT modul Keystone
130910P6-BKKE	E-DAT modul K 24 port 180° 1RU, black
130920-00KE	Keystone 19 inches module frame 1RU 24 port light gray unequipped, shielded
130920-BKKE	Keystone 19 inches module frame 1RU 24 port black unequipped, shielded
130925-BKKE	Keystone 19 inches module frame 0.5RU 24 port black unequipped
130925-GRKE	Keystone 19 inches module frame 0.5RU 24 port gray unequipped
130926-0003KE	Keystone 19 inches module frame 1RU 24 port grey unequipped, shielded
130926-0029KE	Keystone 19 inches module frame 1RU 24 port black unequipped, shielded
130926A0003KE	Keystone 19 inches module frame 1RU 24 port angeled grey unequipped, shielded
130926A0029KE	Keystone 19 inches module frame 1RU 24 port angeled black unequipped, shielded
130926AA029KE	Keystone 19 inch module frame 1RU 24 ports 133° angled, black, unequipped, shielded
130927-1200KE	SmartConnect Patchpanel 12 port Keystone, unequipped
1309428103-E	Keystone REGplus IP20 light gray unequipped
1309A0D1APLKE	Extension box 1 port E-DAT adapter
1309A0D2APLKE	Extension box 2 port E-DAT adapter
130A20-00-E	Keystone 19 inches module frame 1RU 24 port light gray unequipped, unshielded
130A20-BK-E	Keystone 19 inches module frame 1RU 24 port black unequipped, unshielded
130A21-00-E	Keystone 19 inches module frame 1RU 24 port stainless steel unequipped

Data sheet **UTP modul Cat.5e white**

Page 6/7

P/N
130A08-I-B1
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Accessories from

130A24-00-E	Keystone 19 inches module frame 1.5RU 48 port stainless steel unequipped
130B20E2E-E	Keystone module frame 3RU, 7HP 6 port stainless steel unequipped
130B21D1APL-E	Extension box 1 Port C6 _A modul Keystone
130B21D2APL-E	Extension box 2 port C6 _A modul Keystone
130B21P0-BKKE	C6 _A modul K 24 port 180° 1RU, black
130D2CKU4-E	DCCS2 subassembly 4 port unequipped - Keystone
14040000-E	MCO IP69k protective housing for outdoor use, set for exposed installation
14040010-E	MCO IP69k Protective housing for outdoor use, set with mounting bracket
14040100-E	MCO IP69k Protective housing for outdoor use, set wall/ housing bushing

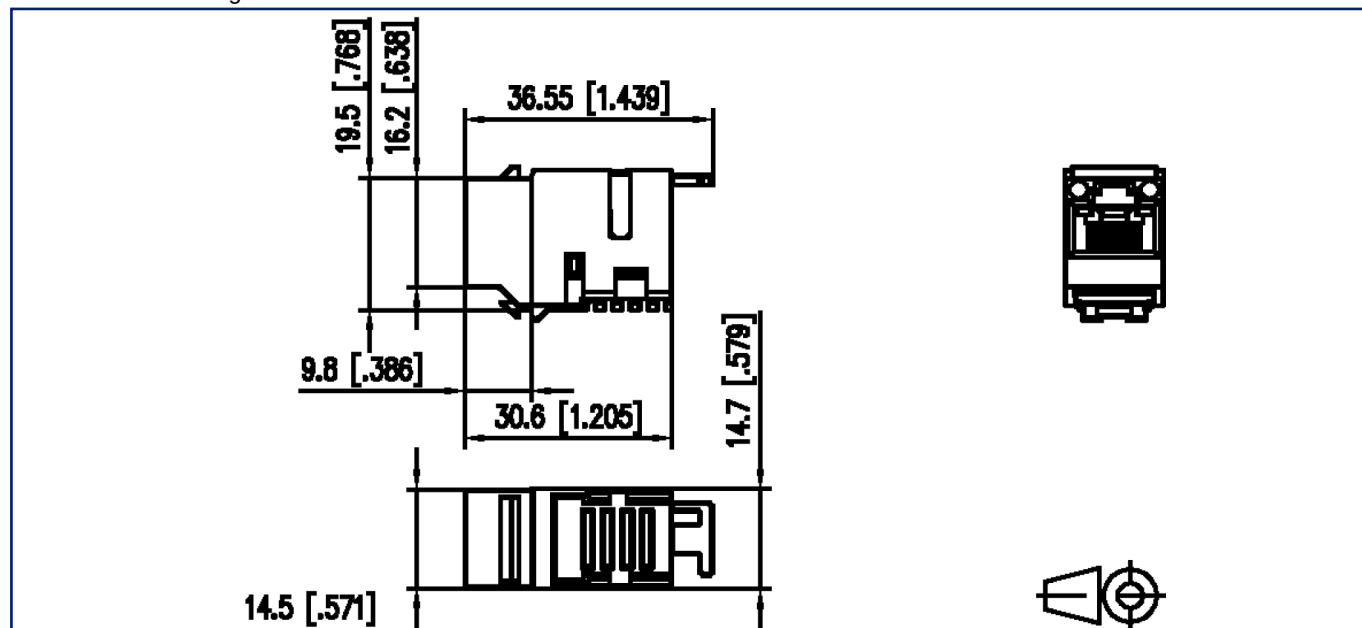
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Page 7/7

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