

Data sheet

C6_Amodul K 270° jack - Keystone style

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P/N
130B22-E

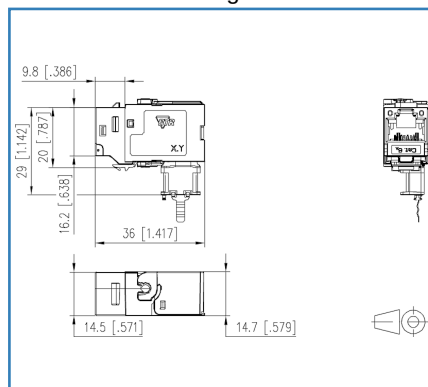
EAN 4250184133476

2018-02-02

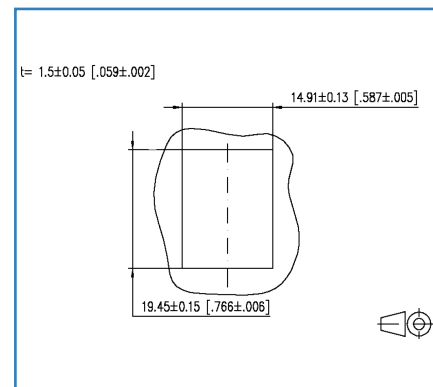
Illustrations



Dimensional drawing



Cut-out



See enlarged drawings at the end of document



Product specification

- modular Cat.6_A termination unit RJ45
- mounting version: Keystone, 270° cable feed
- solid, one-piece and reusable module housing refined with zinc die-casting
- mounting without special tools; strain relief directly snapped on to stuffer cap
- migration to 25G-systems without special tools
- easy to install 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)
- intelligent cable management in stuffer cap - also suitable for heavily twisted cables
- conductor assignment to T568A and T568B is directly printed on the stuffer cap
- 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

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Technical Data

General Data

Fields of application

Office

Design

Jack

Shielding

shielded

Transmission technology

Copper

Wiring

T568A, T568B

Color

metallike

Dimensions

Dimension (L x W x H)

36.00 x 14.7 x 29.00 mm

Dimension (L x W x H)

1.417 x 0.579 x 1.142 in.

Modularity

yes

Field assembly ability

yes

Labeling option

on housing

Marking option

by latching clip

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 (Gigabit-Ethernet)

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



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Technical Data

Connections/interfaces

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.

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

Conductor cross section, stranded wire	AWG 26/7 - 22/7
Conductor cross section, stranded wire	0.141 - 0.355 mm ²
Conductor diameter, stranded wire (bare copper)	0.483 - 0.762 mm
Conductor diameter, stranded wire (bare copper)	0.019 - 0.030 in.

Cable access/outlet 270°

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

Mechanical characteristics

Cut-out	Keystone
Mounting method	snap-in function
Insertion and withdrawal force	max. 30 N
Position/mounting of latch - standard installation position	bottom
strain relief	latching clip

Materials and material properties

Material - Housing	GD-Zn (zinc die-cast)
Material - Contact	Spring steel
Material - Contact finish	Au (gold)
Material - Shield	GD-Zn (zinc die-cast)
Material - Stuffer cap	PA 6.6 UL94 V0
Material - Strain relief	PA 6.6 UL94 V0



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Technical Data

Materials and material properties

Material - Finish Ni (nickel)

Environmental conditions

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

Electromagnetic measurement E₂

Certifications

GHMT PVP



GHMT PVP - Period of validity 31.03.2018

Approvals

RoHS compliant

UL listed (file no.) DUXR.E178484



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 60603-7-51:2011-01

Connectors for electronic equipment - Tests and measurements

Test standard for connectors (plugging and removing
connectors under electrical load) DIN-EN 60512-99-001: 02-2013, DIN-EN 60512-99-002: 11-2015

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



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The product meets the following standards

Interference proof

Immunity for industrial environments	DIN EN 61000-6-2:2006-03
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Emission proof

Electromagnetic emission for residential, commercial and light-industrial environments	DIN EN 61000-6-3:2011-09
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Climate tests

IEC 60512-11

Classifications

ETIM 5.0	EC001121
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ETIM 6.0	EC001121
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Packing details

Type of packaging	10 pc(s) / box
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Packaging unit - Weight (gram)	420.00 g
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Packaging unit - Weight (pound)	0.93 lb
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Packaging dimension (W x H x D)	258.00 x 164.00 x 51.00 mm
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Packaging dimension (W x H x D)	10.157 x 6.457 x 2.008 in.
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Accessories

P/N	Designation
820032-0129-I	Dust protection cover for C6 _A modul black
820032-0103-I	Dust protection cover for C6 _A modul light gray
820032-0105-I	Dust protection cover for C6 _A modul yellow
820032-0106-I	Dust protection cover for C6 _A modul blue
820032-0107-I	Dust protection cover for C6 _A modul green
820032-0108-I	Dust protection cover for C6 _A modul red
820032-0102-I	Dust protection cover for C6 _A modul pure white



P | Cabling

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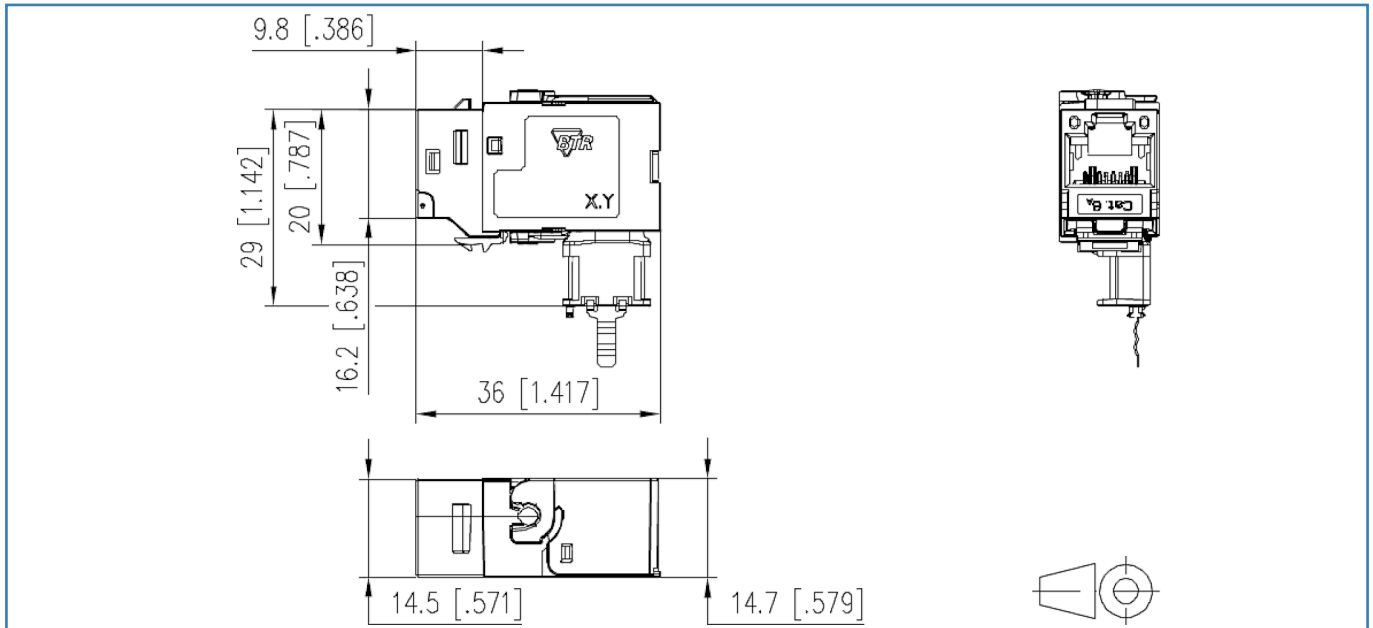
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