

Data sheet

E-DAT Industry terminal rail TS35 + RJ45 coupler insert Cat.6 Class E_A

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P/N

1401206113KE

EAN 4250184119159

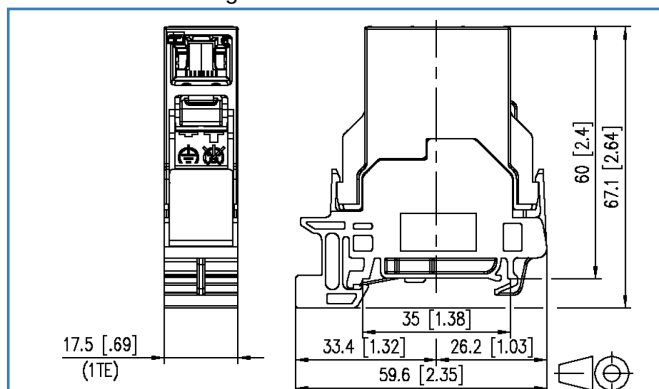
2019/10/30

Version: AB

Illustrations



Dimensional drawing



See enlarged drawings at the end of document

Product specification

- termination unit for mounting on TH35 rails to DIN EN 60715 in electrical distribution panels for home and industrial installations
- equipped with E-DAT Industry RJ45 coupler insert
- vertical plugging direction, 90° to rail
- compliance with class E to ISO/IEC 11801 Ed.2.2:2011-06, DIN EN 50173-1:2011-09
- suitable for 10 GBit Ethernet (IEEE 802.3an), Remote Powering (PoE, PoE plus, UPoE) and HDBaseT
- increased resistance to vibrations and shocks due to 4 springs on the shield plates
- width of 1HP allows mounting up to 12 units in a standard electrical distribution panel
- when mounted as a device of protection class I, the equipotential bonding is realized directly over the top hat rail by means of a switchable integrated equipotential spring. This has to be connected to the equipotential bonding of the building by means of a bonding terminal



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Version: AB

Technical Data

General Data

Fields of application

Office

Design

wall outlet

Mounting style

Standard rail TH35

Shielding

shielded

Transmission technology

Copper

Color

light gray

Dimensions

Dimension (L x W x H)

59.6 mm x 17.5 mm x 67.1 mm

Dimension (L x W x H)

2.346 in. x 0.689 in. x 2.642 in.

Horizontal pitch

1HP

Labeling option

label window with identification label

Marking option

by dust protection

Transmission characteristics

Category (ISO)

6

Category (TIA)

6

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

RJ45-jack

Connector technology interface 2

RJ45-jack

Number of ports interface 1

1

Number of ports interface 2

1

Number of equipped ports interface 1

1

Number of ports interface 2 equipped

1

Number of positions/contacts interface 1

8P/8C

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 22/1

Module plug-in direction vertical

Elektrische/ Optische Eigenschaften

Current carrying capacity max. 1 A

Contact resistance max. 20 mOhm

Insulation resistance min. 500 MOhm

Dielectric strength conductor-conductor (secondary) min. 1000 V DC

Mechanical characteristics

Insertion and withdrawal force max. 30 N

Position/mounting of latch - standard installation position top

Materials and material properties

Material - Housing GD-Zn (zinc die-cast)

Material - Housing finish CuSnZn

Material - Label window ABS, transparent

Material - Dust protection ABS

Material - Contact Spring steel

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

Material - Insulation displacement contacts CuNi2Si

Material - Finish of insulation displacement contacts Sn (tin)

Material - Shield Cu-Ni-Zn (nickel silver)

Material - Finish Ni (nickel)

Material - Ground connection CuSn4

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

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



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Environmental conditions

Flowing mixed gas	+25 °C / +77°F / 73% RH / 4 days, H ₂ S / SO ₂
Electromagnetic measurement	E2
Vibration	50 m/s ²
Shock	250 m/s ²

The product meets the following standards

Generic cabling systems	
General requirements	ANSI/TIA-568
Application-specific communications cabling systems	
Profinet	yes
Expansion of Communication Circuit Accessories (DUXR) Category	UL 1863
Connectors for electronic equipment	
Free and fixed connectors	DIN EN 60603-7-51:2011-01
Interference proof	
Immunity for industrial environments	DIN EN 61000-6-2:2006-03

Classifications

ETIM 5.0	EC001024
ETIM 6.0	EC001024
ETIM 7.0	EC001024

Packing details

Type of packaging	10 pc(s) / box
Packaging unit - Weight (gram)	430 g
Packaging unit - Weight (pound)	0.95 lb
Packaging dimension	250 mm x 105 mm x 89 mm
Packaging dimension	9.843 in. x 4.134 in. x 3.504 in.



Illustrations

Dimensional drawing

