

# Data sheet

## E-DAT Industry USB A 3.0 adapter insert

Page 1/6

P/N

1401U10812KI

EAN 4251122195167

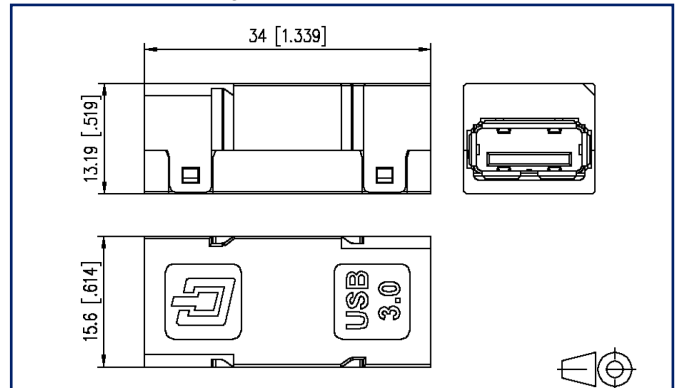
2025/09/17

Version: O

### Illustrations



Dimensional drawing



See enlarged drawings at the end of document

### Product specification

- USB 3.0 coupler for converting USB connections or to connect two USB cables with USB-A connectors
- use for ingress protection IP67 in combination with flange var. 1, 4, 5 and 14
- use for ingress protection IP65 in combination with Universal test jack
- for service and test jacks complying with IP67
- jack A to jack A
- note: no IP67 connector available



# E-DAT Industry USB A 3.0 adapter insert

P/N

1401U10812KI

EAN 4251122195167

2025/09/17

Version: O

## Technical Data

### General Data

Fields of application	Industrial Ethernet
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	coupler / adapter (FO)
Transmission technology	Copper
Color	black
Dimensions	
Dimension (L x W x H)	34 mm x 15.6 mm x 13.19 mm
Dimension (L x W x H)	1.339 in. x 0.614 in. x 0.519 in.
Weight	8 g
Weight	0.0176 lb
Labeling option	on housing

### Connections/interfaces

Connector technology interface 1	USB A-jack
Connector technology interface 2	USB A-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

### Electrical characteristics

Current carrying capacity	max. 1 A
Contact resistance	min. 30 mOhm
Insulation resistance	min. 1000 MOhm



# E-DAT Industry USB A 3.0 adapter insert

P/N

1401U10812KI

EAN 4251122195167

2025/09/17

Version: O

## Technical Data

### Mechanical data

Insertion and withdrawal force	max. 66 N
Life - Number of mating cycles	min. 1500

### Materials and material properties

Material - Contact	PhBr (phosphor bronze)
Material - Contact finish	Au (gold)
Material - Shield	CuZnPb (brass)
Material - Shield finish	Ni (nickel)
Halogen free	yes
RoHS	compliant

### Environmental conditions

Temperature (min. - max.)	
Temperature - Storage °C	-40 °C - 70 °C
Temperature - Storage °F	-40 °F - 158 °F
Temperature - Operating °C	-40 °C - 70 °C
Temperature - Operating °F	-40 °F - 158 °F
Particulate ingress	IP2X
Liquid ingress/immersion	IPX0
Rapid change of temperature	-40°C / -40°C bis / to +70°C / 25 cycles t=30 min
Damp heat	+25°C / +77°F / +55 °C / +131°F 93% RH // -10°C / -14°F / 21 cycles
Flowing mixed gas	+25 °C / +77°F / 73% RH / 4 days, H2S / SO2
Vibration	50 m/s <sup>2</sup>
Shock	250 m/s <sup>2</sup>

### Standards/Regulations

#### Generic cabling systems

General requirements	ANSI/TIA-568-C
Office buildings	ISO/IEC 11801 Ed.2.2: 2011-06   DIN EN 50173-2 ANSI/TIA-568-C
Industrial area	ISO/IEC 24702   DIN EN 50173-3 ANSI/TIA-1005
Living units	ISO/IEC 15018   DIN EN 50173-4 ANSI/TIA-570-B

**E-DAT Industry USB A 3.0 adapter insert**

P/N

1401U10812KI

EAN 4251122195167

2025/09/17

Version: O

**Technical Data****Standards/Regulations**

Application-specific communications cabling systems

UL standard for Communications-Circuit Accessories      UL 1863

Connectors for electronic equipment - Tests and measurements

Degrees of Protection Provided by Enclosures      IEC 60529

**Classifications**

ETIM 7.0      EC001134

ETIM 8.0      EC001134

ETIM 9.0      EC001134

ETIM 10.0      EC001134

**Packing details**

Type of packaging      1 pc(s) / plastic bag

**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. At METZ CONNECT's request, the Customer shall submit and make available meaningful evidence (e.g. test and laboratory protocols, certifications, etc.).



# E-DAT Industry USB A 3.0 adapter insert

P/N

1401U10812KI

EAN 4251122195167

2025/09/17

Version: O

## Accessories from

P/N	Designation
130D2CMC6-E	DCCS2 subassembly 6 port RJ45 - cross connect
130D2CMM6-E	DCCS2 subassembly 6 port RJ45
130D2CMU6-E	DCCS2 subassembly 4 port unequipped for E-DAT Industry inserts
1401010620ME	E-DAT Industry IP67 V1 2 port metal surface mount housing
1401013300ME	Industry IP67 V1 metal bulkhead
1401013300ME-F5	Industry IP67 V1 metal bulkhead
1401013302KE	Industry IP67 V1 bulkhead
1401040620ME	E-DAT Industry IP67 V4 2 port metal surface mount housing
1401043302KE	Industry IP67 V4 bulkhead
1401060320ME	E-DAT Industry IP67 V5 2 port metal surface mount housing
1401063300ME	Industry IP67 V5 metal bulkhead
14010833COMN	E-DAT Industry IP67 V14 mounting flange, normative mounting
1401106113KE	E-DAT Industry terminal rail TS35 + RJ45 field jack insert Cat.6 Class E <sub>A</sub> , T568A
1401206113KE	E-DAT Industry terminal rail TS35 + RJ45 coupler insert Cat.6 Class E <sub>A</sub>
1401806113KE	E-DAT Industry terminal rail TS35 + RJ45 field jack insert Cat.6 Class E <sub>A</sub> , T568B
1401906113KE	E-DAT Industry terminal rail TS35 + RJ45 field jack insert Cat.6 Class E <sub>A</sub> , PROFINET
1401U06113KE	E-DAT Industry terminal rail TS35 + E-DAT Industry USB A 2.0 coupler insert
1401U16113KE	E-DAT Industry terminal rail TS35 + E-DAT Industry USB A 3.0 coupler insert
140UPB-E	E-DAT Industry universal test jack IP65, unequipped

## Illustrations

### Dimensional drawing

