

**IE-PI-RJ45-TH****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



RJ45 inserts for plug-in connectors ver.1 / 4 / 5 / 14 and junction boxes IE-OM...; IE-OP...; IE-CC...

**General ordering data**

Version	Plug insert RJ45 IDC, Plug insert RJ45, crimp
Order No.	<a href="#">1962720000</a>
Type	IE-PI-RJ45-TH
GTIN (EAN)	4032248644834
Qty.	10 pc(s).

Creation date January 29, 2022 3:04:13 PM CET

Catalogue status 14.01.2022 / We reserve the right to make technical changes.

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## Technical data

## Dimensions and weights

Net weight	9.62 g
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## Temperatures

Operating temperature	-40 °C...70 °C	Humidity	0...93 % rel. humidity
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## Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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## General data

Connection 1	RJ45	Connection 2	IDC
Description of article	Plug insert RJ45, crimp	Colour	Miscellaneous
Shock resistance acc. to IEC 60512-4	250 ms <sup>-2</sup>	Vibration resistance acc. to IEC 60512-4	50 ms <sup>-2</sup> sinusoidal (9...500 Hz)
Humidity	0...93 % rel. humidity	Insulation cross-section, min.	0.85 mm
Insulation cross-section, max.	1.05 mm	Category	Cat.6 <sub>A</sub> / Class E <sub>A</sub> (ISO/IEC 11801 2010)
Contact material	Phosphorus bronze	Connection diameter, solid	0.4...0.51
Conductor connection cross-section, solid (AWG)	AWG 26/1...AWG 24/1	Connection diameter, flexible	0.46...0.61 mm
Conductor connection cross-section, flexible (AWG)	AWG 27/7...AWG 24/7	Sheath diameter, min.	5 mm
Sheath diameter, max.	7.3 mm	Shielding	360° all-round enclosure
Protection degree	IP67 with housing		

## Electrical properties

Contact resistance	≤ 20 mΩ	Current-carrying capacity at 50 °C	1 A
Dielectric strength, contact / contact	≥ 1000 V DC	Dielectric strength, contact / shield	≥ 1500 V DC
PoE / PoE+	conforming to IEEE 802.3af		

## General standards

Certificate No. (cURus)	E316369	Connector standard	IEC 60603-7-51
IP protection classes	IEC 60529	UL standard for communication accessories	UL 1863

## Classifications

ETIM 6.0	EC001121	ETIM 7.0	EC001121
ETIM 8.0	EC001121	ECLASS 9.0	27-44-03-90
ECLASS 9.1	27-44-03-90	ECLASS 10.0	27-44-03-90
ECLASS 11.0	27-44-03-90		

**Data sheet**

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**Technical data**

**Approvals**

Approvals



ROHS	Conform
UL File Number Search	E316369

**Downloads**

Approval/Certificate/Document of Conformity	<a href="#">GOST Approval</a> <a href="#">ISO/IEC EN and TIA/EIA Screened Class EA Category 6A, 4 connector channel</a> <a href="#">CC-Link IE-PI-RJ45-TH</a>
Engineering Data	<a href="#">CAD data – STEP</a>
User Documentation	<a href="#">MAN IE GUIDE DE</a> <a href="#">MAN IE GUIDE EN</a> <a href="#">Designation key / Type key</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	<a href="#">MB FREECONTACT EN</a> <a href="#">FL FIELDWIRING EN</a> <a href="#">PI PROFINET CABLING EN</a> <a href="#">FL FIELDWIRING EN</a> <a href="#">PI PROFINET CABLING EN</a>

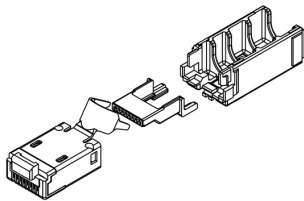
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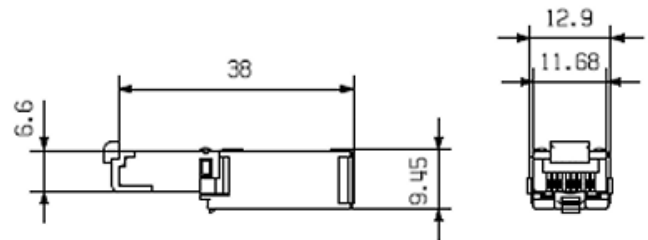
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**Drawings**

**Drawing**



**Dimensioned drawing**



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**Accessories****... for modular plug-in connectors****Crimping tools for modular plug-in connector systems WE and DEC**

- Ratchet guarantees precise crimping
- Release option in the event of incorrect operation
- Three functions in one tool

**General ordering data**

Type	TT 8 RS MP 8	Version
Order No.	<a href="#">9202800000</a>	Pressing tools, Crimping tool for contacts
GTIN (EAN)	4032248512072	
Qty.	1 pc(s).	

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

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