

## IE-PI-RJ45-TH



RJ45 inserts for plug-in connectors ver.1 / 4 / 5 / 14,  
HDC 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 items

## IE-PI-RJ45-TH

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## Technical data

## Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (cURus) E316369

## Dimensions and weights

Net weight 9.62 g

## Temperatures

Storage temperature	Operating temperature	-40 °C...70 °C
Installation temperature	Humidity	0...93 % rel. humidity

## Environmental Product Compliance

RoHS Compliance Status Compliant without exemption

REACH SVHC No SVHC above 0.1 wt%

## General data

Connection 1	RJ45	Connection 2	IDC
Description of article	Plug insert RJ45, crimp	Colour	Miscellaneous
Shock resistance acc. to IEC 605 12-6-3	250 ms-2	Vibration resistance acc. to IEC 605 12-6-4	50 ms-2 sinusoidal (9... 500 Hz)
Humidity	0...93 % rel. humidity	Housing main material	Brass, PC UL 94 V0
Insulation cross-section, min.	0.85 mm	Insulation cross-section, max.	1.05 mm
Category	Cat.6A / Class EA (ISO/ IEC 11801 2010)	Contact material	Phosphorus bronze
Contact surface	Gold over Nickel, Au $\geq$ 0.8 $\mu$ m, Ni 2.54 $\mu$ m	Connection diameter, solid	0.4...0.51 mm
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	Plugging cycles	750

## Electrical properties

Contact resistance	$\leq$ 20 m $\Omega$	Dielectric strength, contact / shield	$\geq$ 1500 V AC/DC
Dielectric strength, contact / contact	$\geq$ 1000 V AC/DC	Insulation resistance	500 M $\Omega$
Current-carrying capacity at 50 °C	1 A	PoE / PoE+	conforming to IEEE 802.3af

## General standards

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

## Important note

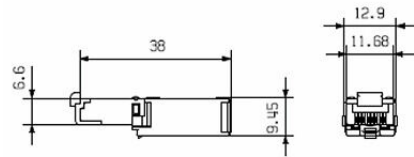
Product information RJ45 inserts for plug-in connectors ver.1 / 4 / 5 / 14 and HDC

## Technical data

### Classifications

ETIM 8.0	EC001121	ETIM 9.0	EC001121
ETIM 10.0	EC001121	ECLASS 14.0	27-44-03-90
ECLASS 15.0	27-44-03-90		

**Dimensioned drawing**



## 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 ST		