Data sheet

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.	1962720000
Type	IE-PI-RJ45-TH
GTIN (EAN)	4032248644834
Qty.	10 items

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IE-PI-RJ45-TH

Weidmüller 3E

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 60512-6-3	250 ms-2	Vibration resistance acc. to IEC 60512-6-4	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 ≥ 0.8 µm, Ni 2.54 µm	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	≤ 20 mΩ	Dielectric strength, contact / shield	≥ 1500 V AC/DC
Dielectric strength, contact / contact	≥ 1000 V AC/DC	Insulation resistance	500 MΩ
Current-carrying capacity at 50 °C	1 A	PoE / PoE+	conforming to IEEE 802.3af

General standards

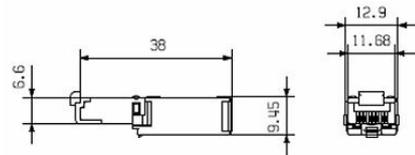|			
Certificate No. (cURus)	E316369	Connector standard	IEC 60603-7-51
UL standard for communication accessories	UL 1863	IP protection classes	IEC 60529

Important note

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

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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		

IE-PI-RJ45-TH

Drawings

Dimensioned drawing

IE-PI-RJ45-TH

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.	9202800000	Pressing tools, Crimping tool for contacts	
GTIN (EAN)	4032248512072		
Qty.	1 ST		

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