

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

IE-PI-RJ45-TH

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

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 ≥ 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

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

