

IE-PI-RJ45-TH-P

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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	RJ45 plug-in connector, Plug insert RJ45, crimp, PROFINET
Order No.	2768720000
Type	IE-PI-RJ45-TH-P
GTIN (EAN)	4064675024095
Qty.	10 items

Technical data

Approvals

ROHS	Conform
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Dimensions and weights

Net weight	3.4 g
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Temperatures

Storage temperature	Operating temperature	-40 °C...70 °C
Installation temperature		

Environmental Product Compliance

RoHS Compliance Status	Compliant
REACH SVHC	No SVHC above 0.1 wt%

General data

Connection 1	Crimp	Connection 2	RJ45
Description of article	Plug insert RJ45, crimp	Wiring	PROFINET
Colour	Miscellaneous	Insulation cross-section, min.	1.3 mm
Insulation cross-section, max.	1.6 mm	Category	Cat.5 (ISO/IEC 11801)
Contact surface	Gold over nickel	Connection diameter, solid	0.57...0.64 mm
Conductor connection cross-section, solid (AWG)	AWG 23...AWG 22	Connection diameter, flexible	0.57...0.64 mm
Conductor connection cross-section, flexible (AWG)	AWG 23...AWG 22	Sheath diameter, max.	7.5 mm
Shielding	360°; all-round enclosure	Protection degree	IP67
Plugging cycles	750		

Electrical properties

Contact resistance	≤ 10 mΩ	Dielectric strength, contact / shield	≥ 1500 V AC/DC
Dielectric strength, contact / contact	≥ 1000 V AC/DC	PoE / PoE+	conforming to IEEE 802.3af

General standards

Connector standard	IEC 60603-7	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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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		