

IE-PS-RJ45-TH-BK-P**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



RJ45 crimp plug-in connector according to IEC
60603-7-51 for wire outer diameters up to 1.05 mm

General ordering data

Version	RJ45 crimp plug, with kink protection; 6.5 - 7.5 mm, Cat.5 (ISO/IEC 11801)
Order No.	2584980000
Type	IE-PS-RJ45-TH-BK-P
GTIN (EAN)	4050118593556
Qty.	10 Stück

Erstellungs-Datum June 2, 2023 11:15:22 AM CEST

Katalogstand 26.05.2023 / Technische Änderungen vorbehalten

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Technische Daten

Dimensions and weights

Net weight 4.5 g

Temperatures

Storage temperature	-40 °C...70 °C	Operating temperature	-40 °C...70 °C
Operating temperature, min.	-40 °C	Operating temperature, max.	70 °C

General data

Connection 1	RJ45	Connection 2	Crimp
Description of article	with kink protection; 6.5 - 7.5 mm	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 material	Copper alloy	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	Conductor connection cross-section, flexible	...0.35 mm ²
Sheath diameter, max.	7.5 mm	Bending protection sleeve material	Polyamide PA6, UL 94-V0
Shielding	360°; all-round enclosure	Protection degree	IP20
Plugging cycles	750		

Electrical properties

Contact resistance	≤ 10 mΩ	Dielectric strength, contact / contact	1000 V AC
Insulation strength	500 MΩ	PoE / PoE+	conforming to IEEE 802.3af
Rated current	1.5 A	Rated voltage	150 V AC

General standards

Connector standard IEC 60603-7

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	ECLASS 12.0	27-44-03-90

Approvals

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ROHS Conform

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Technische Daten

Downloads

Approval/Certificate/Document of Conformity	PROFINET Manufacturer's Declaration
Engineering Data	CAD data – STEP
User Documentation	MAN IE GUIDE DE MAN IE GUIDE EN Manual
Catalogues	Catalogues in PDF-format

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Zeichnungen

