

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

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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.	<a href="#">2584980000</a>
Type	IE-PS-RJ45-TH-BK-P
GTIN (EAN)	4050118593556
Qty.	10 pc(s).

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## Technical data

## Dimensions and weights

Net weight	4.5 g
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## Temperatures

Storage temperature	-40 °C...70 °C	Operating temperature	-40 °C...70 °C
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## 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 <sup>2</sup>
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/DC
Dielectric strength, contact / shield	≥ 1500 V AC/DC	Insulation strength	500 MΩ
PoE / PoE+	conforming to IEEE 802.3af	Rated current	1.5 A
Rated voltage	150 V		

## General standards

Connector standard	IEC 60603-7
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## Classifications

ETIM 6.0	EC001121	ETIM 7.0	EC001121
ETIM 8.0	EC001121	ETIM 9.0	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	ECLASS 13.0	27-44-03-90

## Approvals

Approvals



ROHS

Conform

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## Technical data

### Downloads

Approval/Certificate/Document of Con-  
formity

[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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## Drawings

