

**IE-PS-RJ45-FH-180-B-1.6-CG****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



RJ45 plug-in connector (no tools required) according to IEC 60603-7-51.

**General ordering data**

Version	RJ45 plug with piercing contacts, straight, Cable gland, Cat.6A / Class EA (ISO/IEC 11801 2010), EIA/TIA T568 B
Order No.	<a href="#">2703410000</a>
Type	IE-PS-RJ45-FH-180-B-1.6-CG
GTIN (EAN)	4050118734942
Qty.	1 Stück

Erstellungs-Datum June 5, 2023 10:24:12 AM CEST

Katalogstand 26.05.2023 / Technische Änderungen vorbehalten

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## Technische Daten

### Dimensions and weights

Net weight 34 g

### Temperatures

Operating temperature	-40 °C...85 °C	Operating temperature, min.	-40 °C
Operating temperature, max.	85 °C		

### General data

Outlet direction	straight	Connection 1	RJ45
Connection 2	Piercing	Wiring	EIA/TIA T568 B
Housing main material	Zinc diecast, nickel-plated	Insulation cross-section, min.	1.1 mm
Insulation cross-section, max.	1.6 mm	Category	Cat.6A / Class EA (ISO/IEC 11801 2010)
Contact surface	Gold over nickel	Connection diameter, solid	0.51...0.64 mm
Conductor connection cross-section, solid (AWG)	AWG 24...AWG 22	Connection diameter, flexible	0.46...0.76 mm
Conductor connection cross-section, flexible (AWG)	AWG 27...AWG 22	Conductor connection cross-section, extremely flexible	0.61...0.78 mm, Approval of the cable by Weidmüller necessary
Conductor connection cross-section, extremely flexible (AWG)	AWG 24...AWG 22, Approval of the cable by Weidmüller necessary	Note, very finely stranded line connection	Approval of the cable by Weidmüller necessary
Sheath diameter, min.	5 mm	Sheath diameter, max.	9 mm
Shielding	360°; all-round enclosure	Protection degree	IP20
Plugging cycles	750	Ability to reconnect	≤ 4 cycles (with the same cross-section)

### Electrical properties

Contact resistance	≤ 20 mΩ	Current-carrying capacity at 50 °C	1 A
Dielectric strength, contact / contact	≥ 1000 V DC	Dielectric strength, contact / shield	≥ 1500 V DC
Insulation strength	≥ 500 MΩ	PoE / PoE+	conforming to IEEE 802.3at

### General standards

Certificate no. (cULus)	E471884	Connector standard	IEC 60603-7-5 1
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### 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

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## Technische Daten

### Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate no. (cULus)	E471884

### Downloads

User Documentation	<a href="#">MAN IE GUIDE DE</a> <a href="#">MAN IE GUIDE EN</a> <a href="#">Manual</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>

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## Zeichnungen

