

IE-PS-RJ45-FH-180-A-1.1-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.6 _A / Class E _A (ISO/IEC 11801 2010), EIA/TIA T568 A
Order No.	2703440000
Type	IE-PS-RJ45-FH-180-A-1.1-CG
GTIN (EAN)	4050118734966
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Net weight	26.07 g
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Temperatures

Operating temperature	-40 °C...85 °C
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General data

Outlet direction	straight	Connection 1	RJ45
Connection 2	Piercing	Wiring	EIA/TIA T568 A
Speed	10 GBit	Insulation cross-section, min.	0.85
Insulation cross-section, max.	1.1	Category	Cat.6A / Class EA (ISO/IEC 11801 2010)
Connection diameter, solid	0.41...0.51	Conductor connection cross-section, solid (AWG)	AWG 26...AWG 24
Connection diameter, flexible	0.46...0.61 mm	Conductor connection cross-section, flexible (AWG)	AWG 27...AWG 24
Conductor connection cross-section, extremely flexible	0.51, Approval of the cable by Weidmüller necessary	Conductor connection cross-section, extremely flexible (AWG)	AWG 26, 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	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
PoE / PoE+	conforming to IEEE 802.3at		

General standards

Certificate No. (DNVGL)	TAE00003EW	Certificate no. (cULus)	E471884
Connector standard	IEC 60603-7-51		

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		

Approvals

Approvals



ROHS	Conform
UL File Number Search	E471884

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Downloads

User Documentation

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Catalogues

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Drawings

