

IE-PS-RJ45-TH-BK**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, Plug with bending protection sleeve in black, Cat.6 _A / Class E _A (ISO/IEC 11801 2010)
Order No.	1963590000
Type	IE-PS-RJ45-TH-BK
GTIN (EAN)	4032248645695
Qty.	10 pc(s).

Creation date March 26, 2021 3:41:11 PM CET

Catalogue status 12.03.2021 / We reserve the right to make technical changes.

IE-PS-RJ45-TH-BK

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Dimensions and weights

Net weight	10.2 g
------------	--------

Temperatures

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

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
------------	----------------

General data

Connection 1	RJ45	Connection 2	IDC
Description of article	Plug with bending protection sleeve in black	Configuration	Connects piercing contacts and shielded connections in one step, retro-fit for kink-prevention sleeves, Multi-port compatible
Colour	Miscellaneous	Housing main material	Brass, PC UL 94 V0
Insulation cross-section, min.	0.85 mm	Insulation cross-section, max.	1.05 mm
Cable pull-out force, min.	89 N	Category	Cat.6 _A / Class E _A (ISO/IEC 11801 2010)
Contact material	Phosphorus bronze	Contact surface	Gold-plated
Connection diameter, solid	0.36...0.51 mm	Wire connection diameter, solid, min.	0.36 mm
Conductor connection cross-section, solid (AWG)	AWG 27...AWG 24	Wire connection diameter, solid, max.	0.51 mm
Connection diameter, flexible	0.46...0.61 mm	Wire cross-section, solid, min. (AWG)	AWG 27
Wire cross-section, solid, max. (AWG)	AWG 24	Conductor connection cross-section, flexible (AWG)	AWG 27...AWG 24
Wire connection diameter, flexible, min.	0.46 mm	Wire connection diameter, flexible, max.	0.61 mm
Wire cross-section, finely stranded, min. (AWG)	AWG 27	Wire cross-section, finely stranded, max. (AWG)	AWG 24
MICE classification M	M ₁	MICE classification I	I ₁
MICE classification C	C ₁	MICE classification E	E ₃
Sheath diameter, min.	5 mm	Sheath diameter, max.	7.3 mm
Bending protection sleeve material	Polycarbonate PC, UL 94 V-0	Shielding material	0.5 mm brass, 2 µm nickel
Shielding	360° all-round enclosure	Protection degree	IP20
Plugging cycles	750	Material insulator	Polycarbonate PC, UL 94 V-0

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 802.3af

General standards

Certificate No. (cURus)	E316369	Connector standard	IEC 60603-7-51
-------------------------	---------	--------------------	----------------

Data sheet

IE-PS-RJ45-TH-BK

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmueller.com

Technical data

Classifications

ETIM 6.0	EC001121	ETIM 7.0	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	E316369

Downloads

Approval/Certificate/Document of Conformity	GOST Approval ISO/IEC EN and TIA/EIA Screened Class EA Category 6A, 4 connector channel C-Link IE-PS-RJ45-TH-BK UL Approval
Engineering Data	EPLAN, WSCAD, Zuken E3.S
User Documentation	MAN IE GUIDE DE MAN IE GUIDE EN Manual

Data sheet

IE-PS-RJ45-TH-BK

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Drawings

Dimensioned drawing

