

IE-KEY-RJ45/IDC-1

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



IE plug-in connectors, IP20, for copper and fibre optic cables

General ordering data

Version	Flange insert, Cat.6 _A / Class E _A (ISO/IEC 11801 2010), IP20
Order No.	2782300000
Type	IE-KEY-RJ45/IDC-1
GTIN (EAN)	4064675057895
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Height	23.4 mm	Height (inches)	0.921 inch
Width	14.7 mm	Width (inches)	0.579 inch
Wall thickness, min.	1.45 mm	Wall thickness, max.	1.55 mm
Net weight	25 g		

Temperatures

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

Connection 1	RJ45	Connection 2	IDC
Wiring	TIA-568A, TIA-568B, PROFINET	Housing main material	Zinc diecast
Insulation cross-section, max.	1.8 mm	Category	Cat.6A / Class E _A (ISO/IEC 11801 2010)
Contact surface	Gold over nickel	Connection diameter, solid	0.41...0.64 mm
Conductor connection cross-section, solid (AWG)	AWG 26...AWG 22	Conductor connection cross-section, solid	0.13...0.32 mm ²
Connection diameter, flexible	0.48...0.76 mm	Conductor connection cross-section, flexible (AWG)	AWG 26...AWG 22
Shielding	360°; shield contact	Protection degree	IP20
Insertion force	20 N	Plugging cycles	750

Electrical properties

Contact resistance	≤ 20 mΩ	Dielectric strength, contact / contact	≥ 1000 V DC
Insulation strength	500 MΩ	PoE / PoE+	conforming to IEEE 802.3at

General standards

Connector standard	IEC 60603-7-51
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Classifications

ETIM 6.0	EC001121	ETIM 7.0	EC001121
ETIM 8.0	EC001121	ETIM 9.0	EC001121
ETIM 10.0	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	ECLASS 14.0	27-44-03-90
ECLASS 15.0	27-44-03-90		

Environmental Product Compliance

RoHS Compliance Status	Compliant
REACH SVHC	No SVHC above 0.1 wt%

Approvals

ROHS	Conform
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Technical data

Downloads

Catalogues

[Catalogues in PDF-format](#)

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Drawings

Dimensioned drawing

