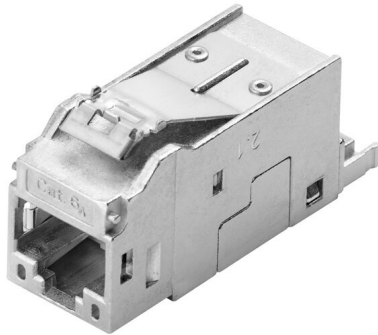


IE-KEY-RJ45/IDC-1

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.6A / Class EA (ISO/IEC 11801 2010), IP20
Order No.	2782300000
Type	IE-KEY-RJ45/IDC-1
GTIN (EAN)	4064675057895
Qty.	1 items

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Technical data

Approvals

ROHS	Conform
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Dimensions and weights

Height	23.4 mm	Height (inches)	0.9213 inch
Width	14.7 mm	Width (inches)	0.5787 inch
Wall thickness, min.	1.45 mm	Wall thickness, max.	1.55 mm
Net weight	22 g		

Temperatures

Operating temperature	-40 °C...70 °C
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Environmental Product Compliance

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

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 EA (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 resistance	500 MΩ	PoE / PoE+	conforming to IEEE 802.3at

General standards

Connector standard	IEC 60603-7-51
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Classifications

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

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Drawings

www.weidmueller.com

Dimensioned drawing

