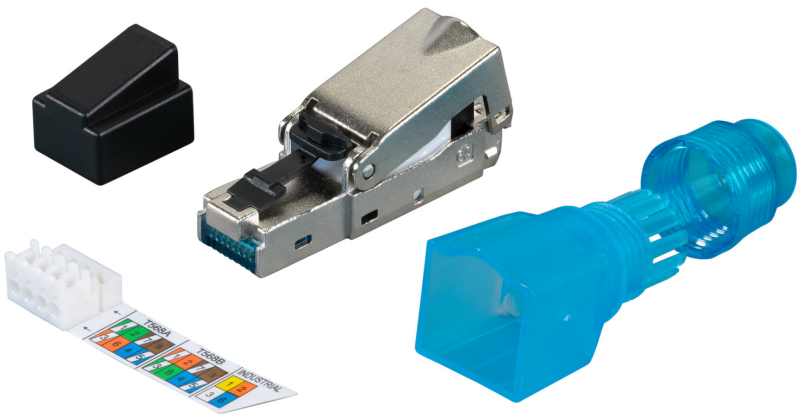
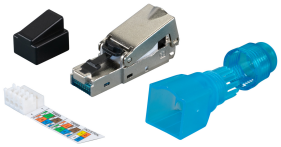
DATASHEET

RJ45 Connector STP, Cat.6A, Field-Plug





General data

The RJ45 plug provides a combination of excellent transmission quality and fast and easy tool-free assembly. Fully shielded zinc diecast housing ensures the best EMC features especially in industrial environments. IDC terminals and very low contact resistances assure high quality contacting for installation cables up to 9mm diameter and wire gauge from AWG22 - AWG27.

Shielded zinc diecast body with separate dust cap and anti-kink sleeve
Class EA performance according to ISO/IEC11801 and IEC60603-7-51
Compact cable manager for AWG 22/1 .. AWG 26/1 or AWG22/7 .. AWG27/7
Pair management according to TIA 568A /B colour codes and industrial Profinet 1-2-3-6
Re-termination capability up to 5 times with the same width, for AWG27/7 up to 2 times
Suitable for cable dia from 6.0 mm .. 9.0 mm
Strain relief with cable gland
Tension relief with cable gland and sliding lever

Technical properties

360° shield contact	True
4PPOE certified	True
AWG-range	22 – 27
Cable diameter	9.0 mm
Casing material	Zinc die cast
Category	6A (TIA)

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Complaint to UL94	V-0
Connection type	Insulation displacement connector
Contact Resistance	< 20 mΩ
Contact coating	50 µ"
Current capacity	1.5 A
Dielectric Withstanding Voltage	1000 V DC
Dust cover	true, with internal shutter
For UAE suitable	False
Insulation Resistance	500 MΩ
Mating cycles	≥ 750 Mating cycles
Model	plug
Operating Temperature	-10 – 60 °C
Shield contact and strain relief separate	False
Special tool necessary	False
Suitable for degree of protection (IP)	IP20
Suitable for flat cable	False
Suitable for litz wire conductor	True
Suitable for round cable	True
Suitable for solid core	True
Type of connector	RJ45 8(8)
Type of locking	Latching mechanism
screened	True

Available variants

ArtNr.	Bezeichnung	Colour
88035AV.1	RJ45 Connector STP, Cat.6A, Field-Plug	silver

Note on Intended Use

This data sheet is intended solely to describe the technical characteristics of the product. It does not replace an assessment of the product's suitability for a specific application. The user is responsible for ensuring that the product is used in accordance with its technical specifications and applicable legal and regulatory requirements.

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