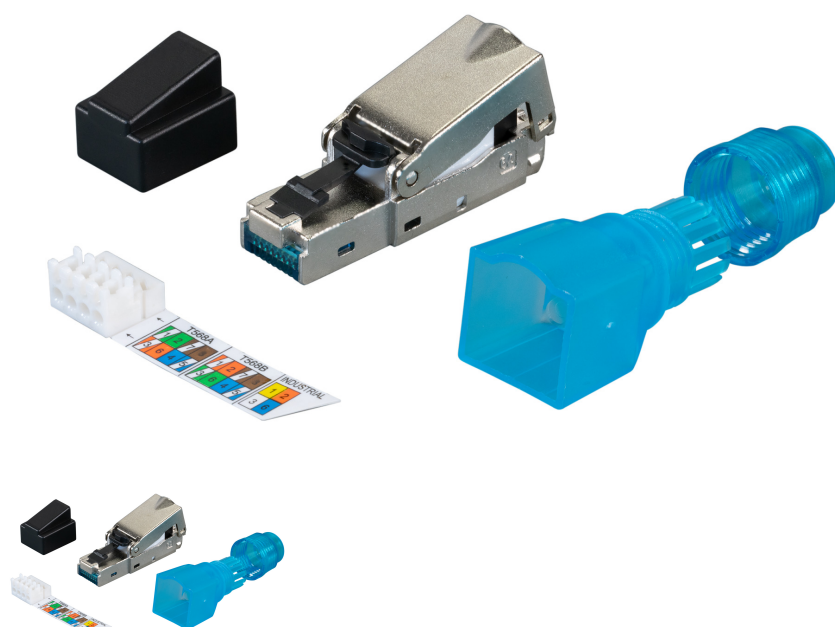


# DATASHEET

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

|                                           |                                   |
|-------------------------------------------|-----------------------------------|
| Complaint to UL94                         | V-0                               |
| Connection type                           | Insulation displacement connector |
| Contact Resistance                        | < 20 mΩ                           |
| Contact coating                           | 50                                |
| 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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