

IE-TO-RJ45-FJ-B

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Mounting rail outlet, RJ45 module design according to IEC 60603-7-51, for wires with diameters up to 1.6 mm

General ordering data

| | |
|------------|--|
| Version | Mounting rail outlet, RJ45, EIA/TIA T568 B, IP20, Cat.6A / Class EA (ISO/IEC 11801 2010) |
| Order No. | 8946940000 |
| Type | IE-TO-RJ45-FJ-B |
| GTIN (EAN) | 4032248734924 |
| Qty. | 10 items |

Technical data

Approvals

Approvals



| | |
|-------------------------|----------------------------|
| ROHS | Conform |
| UL File Number Search | UL Website |
| Certificate no. (cULus) | E471884 |

Dimensions and weights

| | |
|------------|--------|
| Net weight | 54.4 g |
|------------|--------|

Temperatures

| | | |
|--------------------------|-----------------------|------------------------|
| Storage temperature | Operating temperature | -40 °C...70 °C |
| Installation temperature | Humidity | 0...93 % rel. humidity |

Environmental Product Compliance

| | |
|------------------------|-----------------------------|
| RoHS Compliance Status | Compliant without exemption |
| REACH SVHC | No SVHC above 0.1 wt% |

General data

| | | | |
|--|---|--|--|
| Reference product | IE-BI-RJ45-FJ-B | Connection 1 | RJ45 |
| Connection 2 | IDC | Composition | Switchable volt. connection from module/ coupling to mounting rail |
| Wiring | EIA/TIA T568 B | Colour | Light Grey |
| Shock resistance acc. to IEC 60512-6-3 | 250 ms-2 | Vibration resistance acc. to IEC 60512-6-4 | 50 ms-2 sinusoidal (9...500 Hz) |
| Humidity | 0...93 % rel. humidity | Housing main material | PA UL 94 V0, PA 66 UL V0 E63957 |
| Insulation cross-section, min. | 0.85 mm | Insulation cross-section, max. | 1.6 mm |
| Category | Cat.6A / Class EA (ISO/ IEC 11801 2010) | Contact material | Spring steel, Ni 1.2 µm |
| Contact surface | Au ≥ 0.8 µm | Connection diameter, solid | 0.4...0.64 mm |
| Conductor connection cross-section, solid (AWG) | AWG 24...AWG 22 | Connection diameter, flexible | 0.48...0.76 mm |
| Conductor connection cross-section, flexible (AWG) | AWG 26...AWG 22 | Sheath diameter, min. | 5.5 mm |
| Sheath diameter, max. | 10 mm | Type of mounting | TS 35 |
| Shielding | Yes | Protection degree | IP20 |
| Plugging cycles | 750 (RJ45) | Ability to reconnect | ≥ 10 cycles for AWG 23-26, ≥ 4 cycles for AWG 22 |

Electrical properties

| | | | |
|--|----------------|---------------------------------------|----------------------------|
| Contact resistance | ≤ 20 mΩ | Dielectric strength, contact / shield | ≥ 1500 V AC/DC |
| Dielectric strength, contact / contact | ≥ 1000 V AC/DC | Insulation resistance | 500 MΩ |
| Current-carrying capacity at 50 °C | 1 A | PoE / PoE+ | conforming to IEEE 802.3bt |

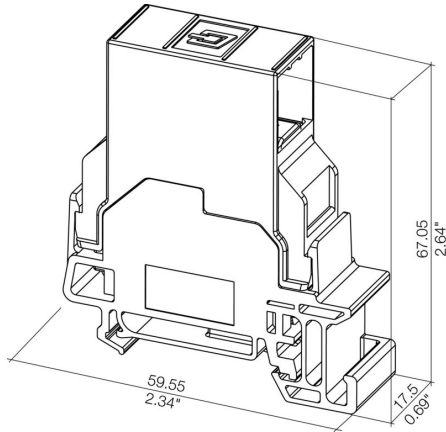
Technical data**General standards**

| | | | |
|--------------------|-----------------|-------------------------|---------|
| Connector standard | IEC 60603-7-5 1 | Certificate no. (cULus) | E471884 |
|--------------------|-----------------|-------------------------|---------|

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 8.0 | EC000313 | ETIM 9.0 | EC000313 |
| ETIM 10.0 | EC000313 | ECLASS 14.0 | 27-44-03-20 |
| ECLASS 15.0 | 27-44-03-20 | | |

Dimensioned drawing



Blank



ESG is the tried-and-tested marker in MultiCard format for use on many well-known electrical devices. The result is high-quality device marking with a high-contrast appearance.

Various types are available for devices from manufacturers like Siemens, ABB, Beckhoff etc.

Advantages at a glance:

- Tags for universal usage, self-adhesive or clip-on tags, depending on type
- For aligned equipment, e.g. circuit breakers, we supply ESG markers for clipping onto tag rails
- Individual laser-quality printing according to specifications

For custom printing: Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

General ordering data

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|------------|----------------------------|--|--|
| Type | ESG 9/11 K MC NE WS | Version | |
| Order No. | 1857440000 | ESG, Device markers x 11 mm, PA 66, Colour: white, Self-adhesive | |
| GTIN (EAN) | 4032248402731 | | |
| Qty. | 200 ST | | |