Data sheet

# IE-TO-RJ45-C

**Weidmüller Interface GmbH & Co. KG**
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com



Mounting rail outlet, RJ45 junction design according to IEC 60603-7-51

## General ordering data

| | |
|---|---|
| Version | Mounting rail outlet, RJ45, Coupling, IP20, Cat.6A / Class EA (ISO/IEC 11801 2010) |
| Order No. | 8946920000 |
| Type | IE-TO-RJ45-C |
| GTIN (EAN) | 4032248734801 |
| Qty. | 1 items |



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# Technical data

### Approvals

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

### Dimensions and weights

| | |
|---|---|
| Net weight | 52.1 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-C | Connection 1 | RJ45 |
| Connection 2 | RJ45 | Composition | Switchable volt. connection from module/ coupling to mounting rail |
| Wiring | Coupling | 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 |
| Category | Cat.6A / Class EA (ISO/ IEC 11801 2010) | Contact material | Spring steel, Ni 1.2 µm |
| Contact surface | Au ≥ 0.8 µm | Type of mounting | TS 35 |
| Shielding | Yes | Protection degree | IP20 |
| Plugging cycles | 750 (RJ45) | | |

### 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 802.3af |

### General standards

| | | | |
|---|---|---|---|
| Connector standard | IEC 60603-7-51 | 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 | | |



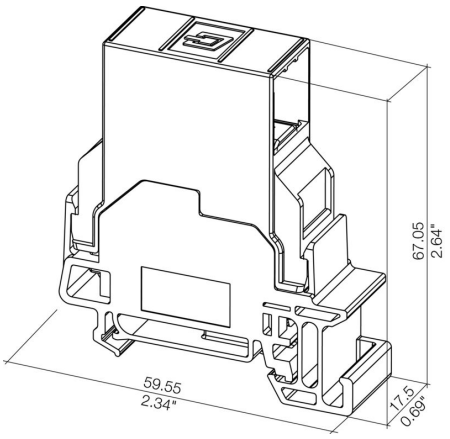
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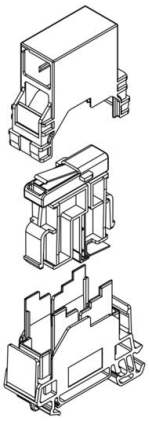
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# Drawings

## Dimensioned drawing




## Drawing





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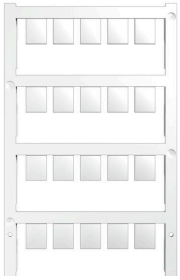
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## Accessories

### 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

| | | |
|---|---|---|
| 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 | |



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