

IE-PI-RJ45-FH-A**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

RJ45 inserts for plug-in connectors ver.1 / 4 / 5 / 14,
HDC and junction boxes IE-OM...; IE-OP...; IE-CC...

General ordering data

| | |
|------------|---|
| Version | Plug insert RJ45 IDC, Plug insert RJ45, no tools required, TIA-568A |
| Order No. | 1132010000 |
| Type | IE-PI-RJ45-FH-A |
| GTIN (EAN) | 4032248912001 |
| Qty. | 10 pc(s). |

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Technical data

Dimensions and weights

| | |
|------------|--------|
| Net weight | 5.87 g |
|------------|--------|

Temperatures

| | |
|-----------------------|----------------|
| Operating temperature | -40 °C...70 °C |
|-----------------------|----------------|

General data

| | | | |
|--|--|--|--|
| Fire load | 49 kJ | Connection 1 | RJ45 |
| Connection 2 | IDC | Description of article | Plug insert RJ45, no tools required |
| Wiring | TIA-568A | Colour | Miscellaneous |
| Housing main material | Zinc diecast | Insulation cross-section, min. | 0.85 mm |
| Insulation cross-section, max. | 1.6 mm | Category | Cat.6A / Class E _A (ISO/IEC 11801 2010) |
| Contact surface | Gold over Nickel, Au ≥ 0.8 µm | Connection diameter, solid | 0.4...0.64 mm |
| Conductor connection cross-section, solid (AWG) | AWG 24...AWG 22 | Conductor connection cross-section, flexible (AWG) | AWG 26...AWG 22 |
| Conductor connection cross-section, extremely flexible | , Approval of the cable by Weidmüller necessary | Conductor connection cross-section, extremely flexible (AWG) | , Approval of the cable by Weidmüller necessary |
| Note, very finely stranded line connection | Approval of the cable by Weidmüller necessary | Shielding | 360° all-round enclosure |
| Protection degree | IP67 with housing | Plugging cycles | 750 |
| Ability to reconnect | ≥ 10 cycles (for the same or larger cross-section) | | |

Electrical properties

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

General standards

| | | | |
|---|----------------|-------------------------|-----------|
| Certificate No. (cURus) | E471884 | Certificate no. (cULus) | E316369 |
| Connector standard | IEC 60603-7-51 | IP protection classes | IEC 60529 |
| UL standard for communication accessories | UL 1863 | | |

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 6.0 | EC001121 | ETIM 7.0 | EC001121 |
| ETIM 8.0 | EC001121 | ETIM 9.0 | EC001121 |
| ECLASS 9.0 | 27-44-03-90 | ECLASS 9.1 | 27-44-03-90 |
| ECLASS 10.0 | 27-44-03-90 | ECLASS 11.0 | 27-44-03-90 |
| ECLASS 12.0 | 27-44-03-90 | ECLASS 13.0 | 27-44-03-90 |
| ECLASS 14.0 | 27-44-03-90 | | |

Environmental Product Compliance

| | |
|------------------------|-----------------------------|
| REACH SVHC | / |
| RoHS Compliance Status | Compliant without exemption |

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Technical data

Important note

| | |
|---------------------|--|
| Product information | RJ45 inserts for plug-in connectors ver.1 / 4 / 5 / 14 and HDC |
|---------------------|--|

Approvals

Approvals



| | |
|-------------------------|------------|
| ROHS | Conform |
| UL File Number Search | UL Website |
| Certificate No. (cURus) | E471884 |
| Certificate no. (cULus) | E316369 |

Downloads

| | |
|---|---|
| Approval/Certificate/Document of Conformity | DUXR.E316369 CC-Link IE-PI-RJ45-FH |
| Engineering Data | CAD data – STEP |
| User Documentation | MAN IE GUIDE DE MAN IE GUIDE EN Designation key / Type key Manual |
| Catalogues | Catalogues in PDF-format |
| Brochures | MB FREECONTACT EN FL FIELDWIRING EN PI PROFINET CABLING EN FL FIELDWIRING EN PI PROFINET CABLING EN |

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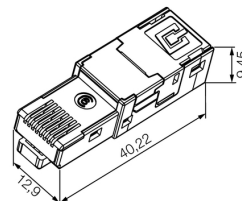
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Drawings

Printing



Dimensioned drawing



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www.weidmueller.com**Accessories****Pressing tool**

When working with live voltages, you must follow special guidelines and use special tools - tools which have been specially produced and tested for this purpose.

Weidmüller offers a complete line of pliers which comply with national and international testing standards.

All pliers are produced and tested according to DIN EN 60900.

The pliers are ergonomically designed to fit to the hand form, and thus feature an improved hand position. The fingers are not pressed together - this results in less fatigue during operation.

General ordering data

| | | |
|------------|----------------------------|----------------|
| Type | PWZ RJ45 | Version |
| Order No. | 1118040000 | Pressing tools |
| GTIN (EAN) | 4032248899197 | |
| Qty. | 1 pc(s). | |