



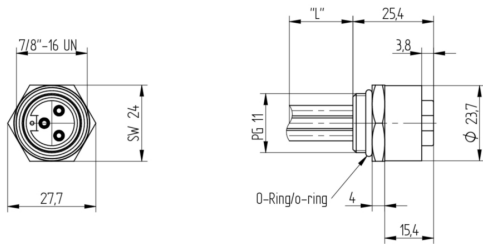
Product: [RKF 30/11-01](#) 

7/8" Power Receptacle Connector: Female, front mount, 3-pin(2+PE), silver housing, 230 V AC/DC, 12 A, 0.75 mm²

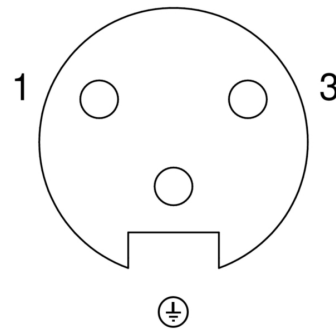
Product Description

7/8" Power Receptacle Connector: Female, front mount, 3-pin(2+PE), silver housing, 230 V AC/DC, 12 A, 0.75 mm²

Technical Drawing



Female



Technical Specifications

Face View

| Pin 1 | Pin 2 | Pin 3 |
|-------|--------------|-------|
| brown | green-yellow | blue |

Technical Data

| | |
|-----------------------------------|---------------------------------------|
| Product Family: | Power Connector |
| Product Sub Family: | 7/8" |
| Brand: | Lumberg Automation |
| Connector Type: | Receptacle |
| Type of Contact / Gender: | female |
| Connector Design: | front mount |
| Number of Pins: | 3 |
| Shielding: | Unshielded |
| Rated Voltage: | 250 V AC/DC |
| Operating Voltage: | 230 V AC/DC |
| Rated Current*: | 12 A |
| Contact Resistance: | ≤ 10 mOhm |
| Insulation Resistance: | > 10 ⁹ Ohm |
| Ambient Temperature (Operation)*: | -25 °C to +90 °C |
| Protection Degree / IP Rating**: | IP68 |
| Pollution Degree: | 3 acc. to DIN EN 60664-1 (VDE 0110-1) |

Materials

| | |
|--------------------------|---------------------|
| Contact Base Material: | CuZn |
| Contact Plating: | Cu/Au |
| Contact Bearer Material: | TPU |
| Contact Bearer Color: | orange |
| Housing Material: | CuZn, nickel-plated |
| O-Ring Material: | Neoprene |

Cable Data

| | |
|---------------------------|-----------|
| Conductor Size: | 0.75 mm² |
| Number of Wires: | 3 |
| Conductor material: | Cu |
| Wire Insulation Material: | PVC |
| Insulated Wire Diameter: | ø 2.40 mm |
| UL Cable Type: | AWM: 1569 |

Safety & Environmental Compliance

| | |
|-----------------|-----|
| RoHS Compliant: | yes |
|-----------------|-----|

Notes

| | |
|-------------------------------------|--|
| Note Derating: | * Notice derating |
| Protection Degree / IP Rating Note: | ** only if mounted and locked in combination with Hirschmann / Lumberg Automation connector. |
| Note: | Do not connect / disconnect under load. |

Variants

| Item # | Item Description | Cable Length |
|--------|------------------|--------------|
| 12889 | RKF 30/11-01 | 0.3 m |

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