lumbergautomation
A BELDEN BRAND



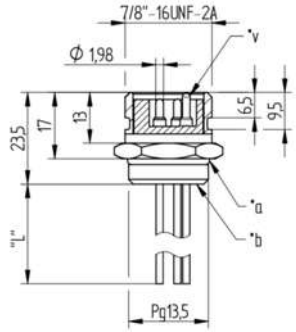
# Product: RSF 30/13.5-01

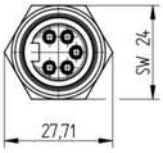
7/8" Power Receptacle Connector: Male, front mount, 3-pin(2+PE), silver housing, 230 V AC/DC, 12 A, 0.75 mm²

## Product Description

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

## Technical Drawing




| Typ/ type | Polzahl/ number of poles | Standard - Kontaktbelegung/ standard contact assignment Farbkennung/ colour code | |
|---|---|---|---|
| RSF 20/13,5.. | 2 | 1 = braun / brown | |
| | | 2 = blau / blue | |
| RSF 30/13,5.. | 3 | 1 = braun / brown | 1 = braun / brown |
| | | 2 = grün-gelb / gree-yellow | 2 = schwarz / black |
| | | 3 = blau / blue | 3 = blau / blue |
| RSF 40/13,5.. | 4 | 1= braun / brown | |
| | | 2 = weiß / white | |
| | | 3 =blau / blue | |
| | | 4 = schwarz / black | |
| RSF 50/13,5.. | 5 | 1 = schwarz / black | |
| | | 2 = blau / blue | |
| | | 3 = grün-gelb / green-yellow | |
| | | 4 = braun / brown | |
| | | 5 = weiß / white | |

## Technical Specifications

### Technical Data

| | |
|---|---|
| Product Family: | Power Connector |
| Product Sub Family: | 7/8" Circular Connectors |
| Brand: | Lumberg Automation |
| Connector Type: | Receptacle |
| Type of Contact / Gender: | male |
| Connector Design: | Front mount |

| | |
|---|---|
| Number of Pins: | 3(2+PE) |
| 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 (1h at 10 bar) |
| 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

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

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

**Variants**

| Item # | Item Description | Cable Length |
|---|---|---|
| 11624 | RSF 30/13,5-01 | 0.3 m |

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