



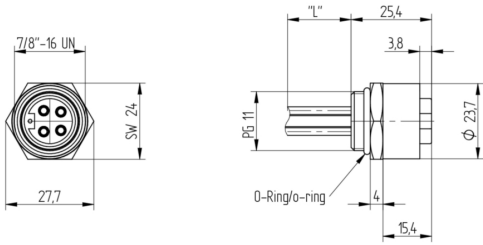
**Product:** [RKF 40/11-02/1.7 M](#)

7/8" Power Receptacle Connector: Female, front mount, 4-pin, silver housing, 230 V AC/DC, 9 A, 0.50 mm<sup>2</sup>

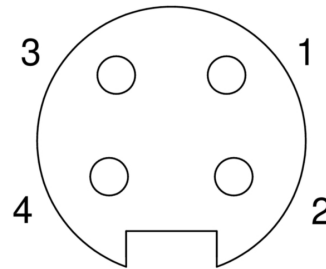
### Product Description

7/8" Power Receptacle Connector: Female, front mount, 4-pin, silver housing, 230 V AC/DC, 9 A, 0.50 mm<sup>2</sup>

### Technical Drawing



## Female



### Technical Specifications

#### Face View

| Pin 1 | Pin 2 | Pin 3 | Pin 4 |
|-------|-------|-------|-------|
| brown | white | blue  | black |

#### 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:                   | 4                                     |
| Shielding:                        | Unshielded                            |
| Rated Voltage:                    | 250 V AC/DC                           |
| Operating Voltage:                | 230 V AC/DC                           |
| Rated Current*:                   | 9 A                                   |
| Contact Resistance:               | ≤ 10 mOhm                             |
| Insulation Resistance:            | > 10 <sup>9</sup> 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:           | 0.5 mm <sup>2</sup> |
| Number of Wires:          | 4                   |
| Conductor material:       | Cu                  |
| Wire Insulation Material: | PVC                 |
| Insulated Wire Diameter:  | ø 1.80 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 |
|--------|--------------------|--------------|
| 97890  | RKF 40/11-02/1,7 M | 1.7 m        |

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