



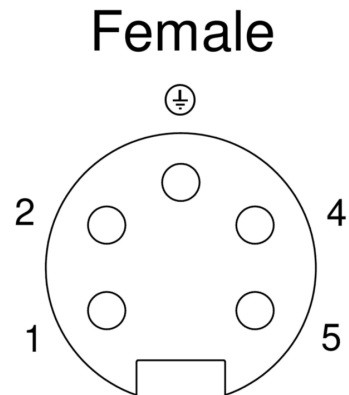
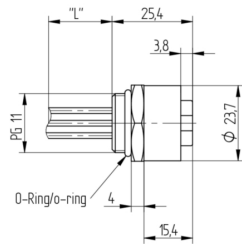
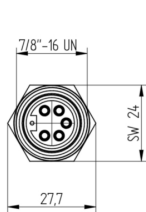
**Product:** [RKF 50/11-04](#) 

7/8" Power Receptacle Connector: Female, front mount, 5-pin(4+PE), silver housing, 230 V AC/DC, 9 A, 0.50 mm²

## Product Description

7/8" Power Receptacle Connector: Female, front mount, 5-pin(4+PE), silver housing, 230 V AC/DC, 9 A, 0.50 mm²

## Technical Drawing



## Technical Specifications

### Face View

| Pin 1 | Pin 2 | Pin 3        | Pin 4 | Pin 5 |
|-------|-------|--------------|-------|-------|
| black | blue  | green-yellow | brown | white |

### 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:                   | 5                                     |
| 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 mm²   |
| Number of Wires:          | 5         |
| 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 |
|--------|------------------|--------------|
| 11271  | RKF 50/11-04     | 0.3 m        |

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