lumbergautomation
A BELDEN BRAND



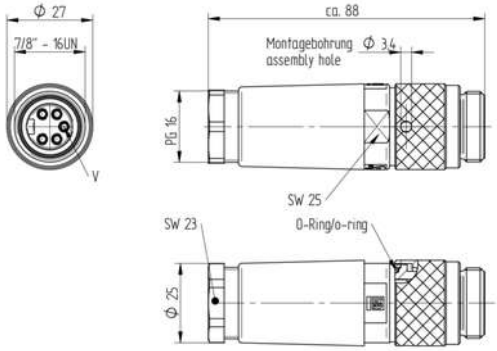
# Product: RSC 50/16

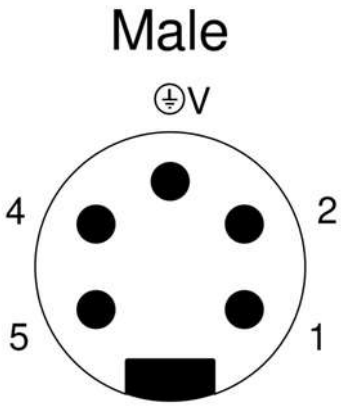
7/8" Power Field Attachable Connector: Male, straight, 5-pin(4+PE), black housing, 230 V AC/DC, 9 A

## Product Description

7/8" Power Field Attachable Connector: Male, straight, 5-pin(4+PE), black housing, 230 V AC/DC, 9 A

## Technical Drawing




## Technical Specifications

### Technical Data

| | |
|---|---|
| Product Family: | Power Connector |
| Product Sub Family: | 7/8" |
| Brand: | Lumberg Automation |
| Connector Type: | Field Attachable |
| Type of Contact / Gender: | male |
| Connector Design: | straight |
| Number of Pins: | 5 |
| Shielding: | Unshielded |
| Attachment Type: | Coupling nut with external threads |
| Rated Voltage: | 250 V AC/DC |
| Operating Voltage: | 230 V AC/DC |
| Rated Current*: | 9 A |
| Contact Resistance: | ≤ 10 mOhm |
| Insulation Resistance: | > 10^9 Ohm |
| Type of Connection: | screw terminal |
| Cable Gland: | PG 16 |
| Conductor Cross Section: | max. 1.5 mm² |
| Ambient Temperature (Operation)*: | -40 °C to +90 °C |
| Protection Degree / IP Rating**: | IP67 |
| 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: | black |
| Housing Material: | PA 66 |
| Housing Color: | black |
| Attachment Material: | Al (anodized) black |
| O-Ring Material: | NBR |

## Approvals

| | |
|---|---|
| UL-File: | E104696 |
| UL: | cURus |

## 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 |
|---|---|
| 11594 | RSC 50/16 |

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