



Product: [RKF 30-601](#) 

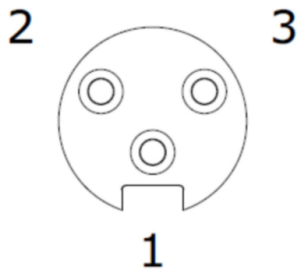
7/8" Power Receptacle: Female, straight, 3-pin, front mount, 300 V, 8 A, with 18 AWG pigtail wires

Product Description

7/8" Power Receptacle: Female, straight, 3-pin, front mount, 1/2" 14-NPT panel tap, 300 V (UL), 8 A (UL), 18 AWG, EURO AC Color Code

Technical Drawing

FACE VIEW FEMALE



1 = GN/YE
2 = BN
3 = BU

EURO AC COLOR CODE

Technical Specifications

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, 1/2-14 NPT panel tap size |

| | |
|-----------------------------------|------------------------|
| Number of Pins: | 3 |
| Coding: | A |
| Shielding: | Unshielded |
| Attachment Type: | Fixed, Internal Thread |
| Rated Voltage: | 300 V |
| Rated Voltage (UL): | 300 V |
| Rated Current*: | 8 A |
| Rated Current (UL)*: | 8 A |
| Ambient Temperature (Operation)*: | -40 °C to +90 °C |
| Protection Degree / IP Rating**: | IP65, IP67 |

Materials

| | |
|--------------------------|-----------------------------|
| Contact Base Material: | CuZn |
| Contact Plating: | Au over Ag |
| Contact Bearer Material: | TPU |
| Contact Bearer Color: | YE |
| Housing Material: | Al, clear anodized |
| O-Ring Material: | FKM, panel side |
| Attachment Type, Side 2: | 1/2-14 NPT, Steel, Lock Nut |

Cable Data

| | |
|---------------------------|-----------|
| Conductor Size: | 18 AWG |
| Number of Wires: | 3 |
| Conductor material: | Cu |
| Wire Insulation Material: | PVC |
| Insulated Wire Diameter: | Ø 2.0 mm |
| UL Cable Type: | 1007/1569 |

Approvals

| | |
|----------|---------------|
| UL-File: | E315587 |
| UL: | UL recognized |

Safety & Environmental Compliance

| | |
|-----------------|-----|
| RoHS Compliant: | Yes |
|-----------------|-----|

Notes

| | |
|-------------------------------------|---|
| Note Derating: | Notice Derating |
| Protection Degree / IP Rating Note: | Protection Degree and IP Rating per test standard IEC 60529 using a Lumberg Automation mating product |
| Note: | Do not connect / disconnect under load |

Variants

| Item # | Item Description | Cable Length |
|-----------|------------------|--------------|
| 500001910 | RKF 30-601/0.3M | 0.3 m |
| 500004489 | RKF 30-601/3M | 3 m |

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