



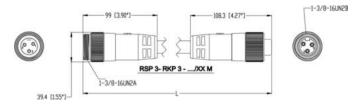
Product: RSP 3-RKP 3-800 ☑

Mini Power Double-Ended Cordset: 1 3/8" male straight to 1 3/8" female straight, 3-pin(2+PE), black body, 600 V, 42 A; TPE black cable, 10 AWG

### **Product Description**

Mini Power Double-Ended Cordset: 1 3/8" male straight to 1 3/8" female straight, 3-pin(2+PE), black body, 600 V, 42 A; TPE black cable, 10 AWG

## **Technical Drawing**



### **Technical Specifications**

### **Product Description**

| Product Family:      | Power Connector       |  |
|----------------------|-----------------------|--|
| Brand:               | Lumberg Automation    |  |
| Connector Type:      | Cordset, double ended |  |
| Shielding:           | Unshielded            |  |
| Rated Voltage (UL):  | 600 V                 |  |
| Rated Current (UL)*: | 42 A                  |  |

### **Technical Data Side 1**

| Product Sub Family:               | 1 3/8"           |
|-----------------------------------|------------------|
| Type of Contact / Gender:         | male             |
| Connector Design:                 | straight         |
| Attachment Type:                  | Coupling Nut     |
| Number of Pins:                   | 3(2+PE)          |
| Ambient Temperature (Operation)*: | -30 °C to +90 °C |
| Protection Degree / IP Rating**:  | IP 67, IP 68     |
| Contact Base Material:            | CuSn             |
| Contact Plating:                  | Ni/Au            |
| Contact Bearer Material:          | PVC              |
| Contact Bearer Color:             | black            |
| Molded Body Material:             | PVC              |
| Molded Body Color:                | black            |
| Attachment Material:              | CuZn             |

## **Cable Data**

| Cable Number:          | 800    |
|------------------------|--------|
| Conductor Size:        | 10 AWG |
| Number of Wires:       | 3      |
| Cable Jacket Material: | TPE    |

| Cable Jacket Color:                       | black           |
|---|-----------------|
| Cable Diameter D:                         | ø 0.474"        |
| Wire Insulation Material:                 | PVC/NYLON       |
| Ambient Temperature (Fixed Installation): | -30 °C to +90 ° |
| Flammability Class (Cable Jacket):        | FT-4            |

### **Technical Data Side 2**

| Product Sub Family, Side 2:               | 1 3/8"           |
|---|------------------|
| Type of Contact / Gender, Side 2:         | female           |
| Connector Design, Side 2:                 | straight         |
| Attachment Type, Side 2:                  | Coupling Screw   |
| Number of Pins, Side 2:                   | 3(2+PE)          |
| Ambient Temperature (Operation), Side 2*: | -30 °C to +90 °C |
| Protection Degree / IP Rating, Side 2**:  | IP 67, IP 68     |
| Contact Base Material, Side 2:            | CuSn             |
| Contact Plating, Side 2:                  | Ni/Au            |
| Contact Bearer Material, Side 2:          | PVC              |
| Contact Bearer Color, Side 2:             | black            |
| Molded Body Material, Side 2:             | PVC              |
| Molded Body Color, Side 2:                | black            |
| Attachment Material, Side 2:              | CuZn             |

# **Approvals**

| UL-File: | E482233 |
|----------|---------|
| UL:      | TC-ER   |

# Safety & Environmental Compliance

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

# Resistances

| Oil Resistance: | Oil Res I/II |
|-----------------|--------------|
| UV Resistance:  | Sunlight Res |

### **Notes**

| Protection Degree / IP Rating Note: | ** only if mounted and locked in combination with Hirschmann / Lumberg Automation connector. |
|-------------------------------------|--|
| Protection Degree / IF Rating Note. | only if mounted and locked in combination with miscrimanity bumberg Automation connector.    |

### Variants

| Item #    | Item Description     | Cable Length |
|-----------|----------------------|--------------|
| 511000396 | RSP 3-RKP 3-800/0.5M | 0.5 m        |
| 511000397 | RSP 3-RKP 3-800/1M   | 1 m          |
| 511000399 | RSP 3-RKP 3-800/2M   | 2 m          |
| 511000401 | RSP 3-RKP 3-800/3M   | 3 m          |
| 511000402 | RSP 3-RKP 3-800/4M   | 4 m          |
| 511000403 | RSP 3-RKP 3-800/5M   | 5 m          |
| 511000890 | RSP 3-RKP 3-800/5M-R | 5 m          |
| 511000404 | RSP 3-RKP 3-800/6M   | 6 m          |
| 511000891 | RSP 3-RKP 3-800/6M-R | 6 m          |
| 511000405 | RSP 3-RKP 3-800/8M   | 8 m          |
| 511000406 | RSP 3-RKP 3-800/10M  | 10 m         |
| 511000407 | RSP 3-RKP 3-800/12M  | 12 m         |
| 511000408 | RSP 3-RKP 3-800/14M  | 14 m         |
| 511000409 | RSP 3-RKP 3-800/15M  | 15 m         |
| 511000410 | RSP 3-RKP 3-800/18M  | 18 m         |
| 511000411 | RSP 3-RKP 3-800/20M  | 20 m         |
| 511000412 | RSP 3-RKP 3-800/22M  | 22 m         |
| 511000413 | RSP 3-RKP 3-800/25M  | 25 m         |
| 511000414 | RSP 3-RKP 3-800/30M  | 30 m         |
| 511000415 | RSP 3-RKP 3-800/35M  | 35 m         |
| 511000416 | RSP 3-RKP 3-800/40M  | 40 m         |
| 511000417 | RSP 3-RKP 3-800/45M  | 45 m         |

|    | AbN       |
|----|-----------|
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| 511000418 | RSP 3-RKP 3-800/50M  | 50 m  |
|-----------|----------------------|-------|
| 511000398 | RSP 3-RKP 3-800/1.5M | 1.5 m |
| 511000400 | RSP 3-RKP 3-800/2.5M | 2.5 m |

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