



## RRAC3I-G

3 pole AC power inlet receptacle with D-Size mounting flange which can be mounted from the front and the rear

### Article Variations

| Article Name   | Details  | Packaging |
|----------------|--|-----------|
| RRAC3I-G-000-0 | 3/16" flat tap contacts, blue housing, power inlet | BULK      |

## Technical Information

### Product

|                        |                  |
|------------------------|------------------|
| <b>Title</b>           | RRAC3I-G         |
| <b>Connection Type</b> | Power Connectors |

### Electrical

|  |                  |
|--|------------------|
| <b>Number of contacts</b>                                  | 2 + PE           |
| <b>Rated current per contact</b>                           | 16 A / 20 A RMS  |
| <b>Rated Voltage</b>                                       | 250 V / 127 V AC |
| <b>Dielectric strength (peak)</b>                          | 4 kV ac          |
| <b>Contact resistance</b>                                  | ≤ 3 mΩ           |
| <b>Insulation resistance (after dampheat, IEC 68-2-30)</b> | > 1 GΩ           |

### Mechanical

|                          |  |
|--------------------------|--|
| <b>Retention method</b>  | Twist lock   |
| <b>Cable O.D. range</b>  | 6 -15 mm   |
| <b>Wiring Cable</b>      | Screw type terminals, wire size 2.5 mm <sup>2</sup> / 12 AWG |
| <b>Wiring Receptacle</b> | Flat tabs for FASTON® (4.8 x 0.5 mm) or soldering            |

### Material

|                                 |                   |
|---------------------------------|-------------------|
| <b>Cable connector contacts</b> | Brass, Ag plated  |
| <b>Receptacle contacts</b>      | Bronze, Ag plated |
| <b>Chucks</b>                   | POM               |

### Environmental

|                                 |                          |
|---------------------------------|--------------------------|
| <b>Flammability</b>             | UL94 V-0                 |
| <b>Temperature range</b>        | -30 °C to +80 °C         |
| <b>Protection class (mated)</b> | IP 20                    |
| <b>Safety Requirments</b>       | EN / IEC61984            |
| <b>Solderability</b>            | complies with IEC68-2-20 |

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