



## RCAC3I-G

3 pole AC power inlet connector

### Article Variations

Article Name	Details	Packaging
RCAC3I-G-000-0	Blue housing, power inlet	BULK
RCAC3I-G-000-1	Blue housing, power inlet	Plastic Bag

## Technical Information

### Product

<b>Title</b>	RCAC3I-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