



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

Title	RCAC3I-G
Connection Type	Power Connectors

Electrical

Number of contacts	2 + PE
Rated current per contact	16 A / 20 A RMS
Rated Voltage	250 V / 127 V AC
Dielectric strength (peak)	4 kV ac
Contact resistance	$\leq 3 \text{ m}\Omega$
Insulation resistance (after dampheat, IEC 68-2-30)	$> 1 \text{ G}\Omega$

Mechanical

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

Material

Cable connector contacts	Brass, Ag plated
Receptacle contacts	Bronze, Ag plated
Chucks	POM

Environmental

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

Mouser Electronics

Authorized Distributor

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