



## RCAC3F-X-000

Lockable female cable connector, with excellent flammability class by using V0 materials.

Designed for outdoor applications, IP65 protection, weather resistant.

The power X series are connectors with breaking capacity (CBC), i.e. it can be connected or disconnected under load or live.

### Article Variations

Article Name	Details	Packaging
RCAC3F-X-000-0	Female	BULK
RCAC3F-X-000-1	Female	Plastic bag

## Technical Information

### Product

<b>Title</b>	RCAC3F-X-000
<b>Connection Type</b>	Power Connectors

### Electrical

<b>Number of contacts</b>	2 + PE
<b>Rating Europe</b>	EN 60320-1: 16 A 250 V AC
<b>Rating USA</b>	UL 60320-1: 20 A 250 V AC
<b>Dielectric strength</b>	4 kV dc / 2.8 kV ac
<b>Contact resistance</b>	$\leq 2 \text{ m}\Omega$
<b>Insulation resistance (after dampheat)</b>	$> 0.1 \text{ G}\Omega$

### Mechanical

<b>Retention method</b>	Twist lock
<b>Lifetime</b>	$> 5000$ mating cycles
<b>Cable O.D. range</b>	6 - 12 mm
<b>Wiring</b>	Screw terminals
<b>Wiresize</b>	1.0 - 2.5 mm <sup>2</sup>
<b>Wiresize</b>	12 AWG

## Material

<b>Shell</b>	Polyamide
<b>Insert</b>	Polyamide
<b>Contacts</b>	Copper alloy
<b>Contact plating</b>	Ag
<b>Strain relief</b>	PBT

## Environmental

<b>Temperature range</b>	-30 °C to +80 °C
<b>Flammability</b>	UL94 V-0