



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

Title	RCAC3F-X-000
Connection Type	Power Connectors

Electrical

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

Mechanical

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

Material

Shell	Polyamide
Insert	Polyamide
Contacts	Copper alloy
Contact plating	Ag
Strain relief	PBT

Environmental

Temperature range	-30 °C to +80 °C
Flammability	UL94 V-0