

RCAC3F-X-010-L

Lockable power out female cable connector, support large cable diameter, with excellent class by using V0 flammability material, designed for outdoor applications, IP66 protection, weather resistant.

The power IP66 series are connectors with breaking capacity (CBC), i.e. it can be connected or disconnected under load or live.



Technical Information

Product

Title	RCAC3F-X-010-L
Connection type	Power connector

Electrical

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

Mechanical

Lifetime	> 5000 mating cycles
Retention method	Twist lock
Wiring	Screw terminals
Cable O.D.	10 - 12 mm
UL wire diameter specification	SJ00W 12 AWG
VDE wire diameter specification	H05VV-F 3G 2.5mm ²

Material

Contacts	Copper alloy
Housing	Polyamide
Insert	Polyamide
Contacts plating	Ag

Environmental

Temperature range	UL94 V-0
Flammability	-30 °C to +80 °C
Protection Class	IP66 (mated with RRAC3M-X-010* & RRAC3MF-X-010*&RRAC3M-X-000)