

## RRAC3MF-X-010

Lockable power Female and Male Combination chassis connector, with excellent flammability class by using V0 materials.

Designed for outdoor applications, IP65 protection and Air-tightness proof

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





## Features & Benefits

- IP65 protection by closing the cap or mating with RCAC3M-X-000 or RCAC3F-X-000
- Air-tightness protection
- Mains connector with breaking capacity (CBC)
- IEC/EN60320-1 compliant VDE certification
- UL60320-1 compliant UL certification

## Technical Information

### Product

<b>Title</b>	RRAC3MF-X-010
<b>Connection type</b>	Power

### Electrical

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

### Mechanical

<b>Retention method</b>	Twist lock
<b>Lifetime</b>	$> 5000$ mating cycles
<b>Wiring</b>	Flat tabs 6.35 x 0.8 mm

### Material

<b>Shell</b>	Polyamide
<b>Contacts</b>	Copper alloy
<b>Contact plating</b>	Ag
<b>Locking element</b>	Stainless steel

## Environmental

<b>Flammability</b>	UL94 V-0
<b>Protection class</b>	IP65 and Air tightness
<b>Temperature range</b>	-30 °C to +80 °C