



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 Airtight 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
- ✓ Airtight protection
- ✓ Mains connector with breaking capacity (CBC)
- ✓ IEC/EN60320-1 compliant VDE certification
- ✓ UL60320-1 compliant UL certification
- ✓ IP67 protection to prevent water intrusion into the device interior

Technical Information

Product	
Title	RRAC3MF-X-010
Connection type	Power

Electrical

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

Mechanical

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

Material

Shell	Polyamide
Contacts	Copper alloy
Contact plating	Ag
Locking element	Stainless steel

Environmental

Flammability	UL94 V-0
Protection class	IP65 and Airtight
Temperature range	-30 °C to +80 °C