



NAC3MM-1

powerCON NAC3MPA-1 (power in) - powerCON NAC3MPB-1 (power out), coupler for linking cables

powerCON 20 A

The powerCON is a locking 3 conductor equipment AC connector with contacts for line, neutral and pre-mating ground contact. It replaces appliance couplers wherever a very rugged solution in combination with a locking device is needed in order to guarantee a safe power connection.

Attention: The powerCON is a connector without breaking capacity, i.e. the powerCON should not be connected or disconnected under load or live!

Technical Information

Product	
Title	NAC3MM-1
Connection Type	Adapter
Gender	male

Electrical	
Contact resistance	$\leq 3 \text{ m}\Omega$
Dielectric strength	4 kVdc
Insulation resistance	$> 0.1 \text{ G}\Omega$ (after damp heat test IEC 68-2-30)
Rated current per contact	20 A rms
Rated voltage	250 V ac

Mechanical	
Lifetime	> 1000 mating cycles
Wiresize	
Locking device	Quick Lock

Material	
Contact plating	2 μm Ag
Locking element	Steel Ck67
Shell	Polyamide (PA 6.6 30 % GR)
Contacts	Bronze (CuNi1Si0.2)

Environmental	
Flammability	UL 94 V-0
Protection class	IP 20 (mated)
Safety Requirements	EN/IEC 61984
Solderability	Complies with IEC 68-2-20
Temperature range	-30 °C to +80 °C