

# 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 [hide](#)

Product	
Title	NAC3MM-1
Connection Type	Adapter
Gender	male
Electrical	
Contact resistance	≤ 3 mΩ
Dielectric strength	4 kVdc
Insulation resistance	> 0.1 GΩ (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
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)
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Safety Requirements

EN/IEC 61984

Solderability

Complies with IEC 68-2-20

Temperature range

-30 °C to +80 °C