



## NAC3MM-1

powerCON NAC3MPXXA (power in) - powerCON NAC3MPXXB (power out), CBC coupler for linking power cables



### powerCON

The powerCON is a locking 3 conductor equipment AC connector with breaking capacity using 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.

## Technical Information

Product	
<b>Title</b>	NAC3MM-1
<b>Connection Type</b>	Adapter
<b>Gender</b>	male

Electrical	
<b>Contact resistance</b>	$\leq 3 \text{ m}\Omega$
<b>Dielectric strength</b>	4 kVdc
<b>Insulation resistance</b>	$> 0.1 \text{ G}\Omega$ (after damp heat test IEC 68-2-30)
<b>Rated current per contact</b>	16 A rms
<b>Rated voltage</b>	250 V ac

Mechanical	
<b>Lifetime</b>	$> 1000$ mating cycles
<b>Locking device</b>	Quick Lock

Material	
<b>Contact plating</b>	2 $\mu\text{m}$ Ag
<b>Locking element</b>	Steel Ck67
<b>Shell</b>	Polyamide (PA 6.6 30 % GR)
<b>Contacts</b>	Bronze (CuNi1Si0.2)

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