

TECHNICAL SPECIFICATION



Technical Information

Product

Title	NAC3MPB-1
Gender	male

Electrical

Contact resistance	$\leq 3 \text{ m}\Omega$
Dielectric strength	4 kVdc / 2.8 kVac
Insulation resistance	$> 0.1 \text{ G}\Omega$ (after damp heat test IEC 68-2-30)
Number of electrical contacts	2 + PE
Rated current per contact	20 A rms
Rated voltage	250 V ac

Mechanical

Lifetime	> 1000 mating cycles
Locking device	Quick Lock
Mounting direction	Front mounting
Chassis shape	D

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
Temperature range	-30 °C to +80 °C

Product specific

Coding	B-type for power outlet (color coding gray)
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1723 W. 4th Street Tempe Arizona 85281

P: 800.638.6104 | F: 480.966.6728 | E: sales@covid.com www.covid.com