

TECHNICAL SPECIFICATION



Technical Information

Product

Title NAC3FCA

Gender female

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

Cable O.D. 6 - 15 mm (1)

Lifetime > 1000 mating cycles

Wiresize 2.5 mm^2

Wiresize 14 AWG

Locking device Quick Lock

Material

Contact plating $4 \text{ }\mu\text{m Ag}$

Contacts Bronze (CuSn6)

Insert Polyamide (PA 6 30 % GR)

Locking element Zinc diecast (ZnAl4Cu1)

Shell Polyamide (PA 6 30 % GR)

Strain relief Polyacetal (POM)

Environmental

Temperature range $-30 \text{ }^\circ\text{C}$ to $+80 \text{ }^\circ\text{C}$

Product specific

Coding A-type for power inlet (color coding blue)



1723 W. 4th Street Tempe Arizona 85281

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