



**NC3FX**

3 pole cable connector, female. Nickel housing and silver contacts.

TECHNICAL DATA

Electrical

- Number of contacts: 3
- Contact resistance:  $\leq 3 \text{ m}\Omega$
- Insulation resistance
  - initial:  $> 2 \text{ G}\Omega$
  - after damp heat test:  $> 1 \text{ G}\Omega$
- Dielectric strength: 1500 V dc
- Rated current: 16 A
- AWG: 2.5 mm<sup>2</sup>/14 AWG
- Capacitance between contacts:  $\leq 4 \text{ pF}$

Mechanical

- Lifetime:  $> 1000$  cycles
- Insertion / withdrawal force:  $\leq 20 \text{ N}$
- Cable O.D. range: 3.5 mm - 8.0 mm

Materials

- Shell: ZnAl4Cu1, gal Ni over Cu plating
- Insert: PA 6.6 30% GR (glass reinforced)
- Contacts: CuSn6
- Contact surface: gal 2  $\mu\text{m}$  Ag
- Latch lock (female): St3K32
- Strain-relief clamp: POM
- Antikink bushing: PUR

Environmental

- Temperature range: -30° C to + 80° C
- Flammability: UL 94HB
- Solderability: complies with IEC 68-2-20

Compatibility / Remarks

Compatibility: IEC tentative standard & Switchcraft® QG & Cannon XLR  
Disassembled version (3 pole only) in dispenser box of 100 pcs.: add suffix 'D'



