

TECHNICAL DATA – XX Series Black

Electrical

Contact resistance: ≤ 3 m Ohm
Insulation resistance
- initial: > 2 G Ohm
- after damp heat test: > 1 G Ohm
Dielectric strength: 1500 V dc
Rated current: 16 A
AWG: 2.5 mm²/14 AWG
Capacitance between contacts: ≤ 4 pF

Mechanical

Lifetime: >1000 cycles
Insertion / withdrawal force: ≤ 20 N
Cable O.D. range: 3.5 mm - 8.0 mm

Materials

Shell: Zinc diecast ZnAl4Cu1, gal Cr over Cu plating
Insert: Polyamide PA 6.6 30% GR (glass reinforced)
Contacts: Bronze CuSn6
Contact surface: gal 0.2 μ m Au hard alloy over 2 μ m Ni
Latch lock (female): St3K32
Strain-relief clamp: POM
Antikink bushing: PA + PU

Environmental

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

Compatibility:

IEC 61076-2-103 standard & Switchcraft® QG & Cannon XLR