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enlarge

EN3 Series Right Angle Panel 2-8 contact

Utilizing an integral O-Ring/gasket, EN3 right angle panel connectors are available in 2-8 pins/sockets in the same housing size, bayonet locking, solder, pc, crimp contacts, caps. Meets enclosure rating IP66/IP68 and NEMA 250 when mated or covered.

product bulletin available

Part Builder

Specifications

User Guide

Need more info? Contact Switchcraft customer service

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Materials

- Panel Connector Shells & Locking Nut: Thermoplastic polymer, glass fiber, flame retardant
- Connector Shell Interior: Thermoplastic rubber
- Contacts: Copper base alloy gold-plated over nickel underplating

Mechanical

- Shock: Mil-Std 202 Method 213B, condition K
- Vibration: Mil-Std 202 Method 201
- Life: 600 insertion/withdraw cycles (minimum)

Electrical

- Voltage Rating: Tested at 600 VRMS
- Insulation Resistance: 100 megohms (minimum) at 77°F
- Contact Resistance: 10 milliohms (maximum)
- Current Rating:
 - 6.5 Amps (#20 contact) - 7 and 8 pin
 - 7.5 Amps (#20 c/contact) - 2 through 6 pin

Environmental

- Temperature Limits: -40°C to +65°C (non-operating)
- Moisture Resistance: Mil-Std 202 Method 106F
- Insulation Resistance: Mil-Std Method 302 condition B
- Thermal Shock: Mil-Std 202 Method 107G
- Salt Spray: Mil-Std 202 Method 101D condition B

Product Ratings

- IP16/IP18 (Unmated EN3 Product)
- IP66/IP68 (Mated EN3 Product)
- NEMA 250 (6P)
- CFR 46 Part 110.20
- UL 94V-0

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