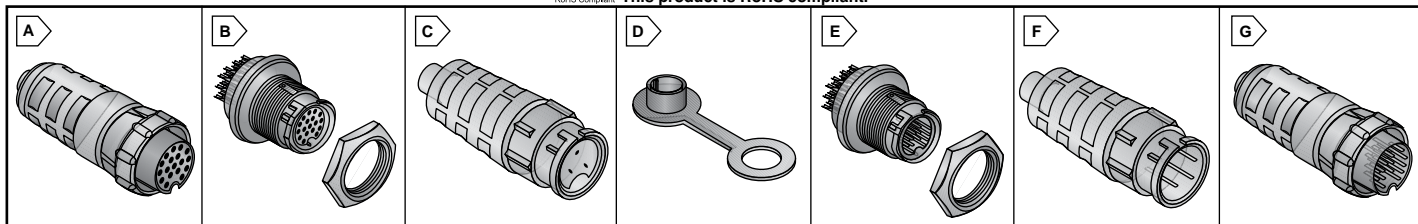


SWITCHCRAFT EN3™ Weathertight Series Switchcraft®

RoHS Compliant This product is RoHS compliant.



Specifications:

- Material:** Panel connector shells and solder contact locking disk: Thermoplastic polymer glass fiber, flame retardant
Connector shell interior: Thermoplastic rubber
Contacts: Copper base alloy gold-plated over nickel underplate
- Mechanical:** Shock: Mil-Std 202 Method 213B, condition K
Vibration: Mil-Std 202 Method 201
Life: 600 insertion/withdrawal cycles (minimum)
- Electrical:** Voltage Rating (sea level): Tested at 600 VRMS
Insulation Resistance: 100 megaohms (minimum) at 77°F
Current rating: 13.0 Amps (#16 contact) 3 Pin
7.5 Amps (#20 contact) 3 to 6 Pin
6.5 Amps (#20 contact) 7 and 8 Pin
3.0 Amps (#26 contact) 9 to 18 Pin

- Cable Diameter: .195" to .265"
- New "LX" Cable Clamp with retaining nut accepts cable diameter from 0.23-0.38"
- Environmental:** Temperature Limits: -40°C to +65°C (non-operating)
Moisture Resistance: Mil-Std 202 Method 106°F
Insulation Resistance: Mil-Std 202 Method 302 condition B
Thermal Shock: Mil-Std 202 Method 101D condition B
Salt Spray: Mil-Std 202 Method 101D condition B
Exceeds Coast Guard specifications for water tightness (CRF 46 Part 110.20)
- Ratings:** IP16/IP18, IP66/IP68, NEMA 250 (6P)
CFR 46 Part 110.20, UL 94V-0
- Termination:** Solder cup
9C-18C have staggered solder cups for easier soldering

Features:

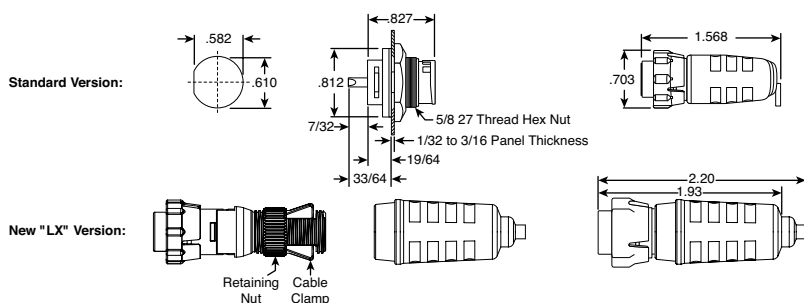
- Double-sealed for moisture & chemical resistance
- Integral O-ring and gasket is molded onto panel housing to prevent leakage and eliminate need for additional O-rings and gaskets
- Panel Connector shell has a positioning keyway to prevent misalignments and a polarizing single "D" design for proper panel mounting and prevents rotational movement
- Abrasion-resistant thermoplastic boot provides strain relief and accepts cable diameter .195" to .265"
- New "LX" boot seals cable diameters up to 0.38"

Applications:

- Process Control
- Marine Electronics
- Medical Instrumentation
- Geothermal Instrumentation
- Communication
- General Industrial Electronics

Fig.	Mates with Fig.
A	E & F
B	G
C	G

DIMENSIONS: in.



PROTECTIVE CAP

Covers the panel housing assembly when not in use.

For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	Switchcraft Part No.	Fig.	Price Each			
			1	10	25	50
Cord Type						
502-EN3CAP	EN3CAPX	D				

PROTECTIVE BOOT

MOUSER STOCK NO.	Switchcraft Part No.	Fig.	Price Each			
			1	10	25	50
502-EN3BOOT	EN3BOOTX	-				

SOCKET TYPE (FEMALE)

* New "LX" Version (Large Boot & Clamp)

For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	Switchcraft Part No.	Fig.	No. of Cont-acts	Contact Size	Price Each			
					1	10	25	50
Cord Type								
502-EN3C3F16	EN3C3F16X	A	3	16				
502-EN3C2FX	EN3C2FX	A	2	20				
502-EN3C3F	EN3C3FX	A	3	20				
502-EN3C4F	EN3C4FX	A	4	20				
502-EN3C5FX	EN3C5FX	A	5	20				
502-EN3C6F	EN3C6FX	A	6	20				
502-EN3C7F	EN3C7FX	A	7	20				
502-EN3C8F	EN3C8FX	A	8	20				
502-EN3C9F26S	EN3C9F26SX	A	9	26				
502-EN3C10F26S	EN3C10F26SX	A	10	26				
502-EN3C11F26S	EN3C11F26SX	A	11	26				
* 502-EN3C12F26SLX	EN3C12F26SLX	A	12	26				
502-EN3C12F26S	EN3C12F26SX	A	12	26				
502-EN3C15F26S	EN3C15F26SX	A	15	26				
502-EN3C16F26S	EN3C16F26SX	A	16	26				
502-EN3C18F26S	EN3C18F26SX	A	18	26				
* 502-EN3C18F26SLX	EN3C18F26SLX	A	18	26				
Panel Type								
502-EN3P3F16	EN3P3F16X	B	3	16				
502-EN3P2F	EN3P2FX	B	2	20				
502-EN3P3F	EN3P3FX	B	3	20				
502-EN3P4FX	EN3P4FX	B	4	20				
502-EN3P5F	EN3P5FX	B	5	20				
502-EN3P6F	EN3P6FX	B	6	20				
502-EN3P9F26S	EN3P9F26SX	B	9	26				
502-EN3P10F26S	EN3P10F26SX	B	10	26				
502-EN3P12F26SX	EN3P12F26SX	B	12	26				
502-EN3P14F26S	EN3P14F26SX	B	14	26				
502-EN3P15F26S	EN3P15F26SX	B	15	26				
502-EN3P16F26S	EN3P16F26SX	B	16	26				
502-EN3P18F26S	EN3P18F26SX	B	18	26				
In-Line Cord Type								
502-EN3L3F16	EN3L3F16X	C	3	16				
502-EN3L3FX	EN3L3FX	C	3	20				
502-EN3L4F	EN3L4FX	C	4	20				
502-EN3L5F	EN3L5FX	C	5	20				
502-EN3L6F	EN3L6FX	C	6	20				

PIN TYPE (MALE)

* New "LX" Version (Large Boot & Clamp)

For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	Switchcraft Part No.	Fig.	No. of Cont-acts	Contact Size	Price Each			
					1	10	25	50
Panel Type								
502-EN3P3M16	EN3P3M16X	E	3	16				
502-EN3P2M	EN3P2MX	E	2	20				
502-EN3P3MX	EN3P3MX	E	3	20				
502-EN3P4MX	EN3P4MX	E	4	20				
502-EN3P5M	EN3P5MX	E	5	20				
502-EN3P6M	EN3P6MX	E	6	20				
502-EN3P7M	EN3P7MX	E	7	20				
502-EN3P8M	EN3P8MX	E	8	20				
502-EN3P9M26S	EN3P9M26SX	E	9	26				
502-EN3P10M26S	EN3P10M26SX	E	10	26				
502-EN3P11M26S	EN3P11M26SX	E	11	26				
502-EN3P12M26S	EN3P12M26SX	E	12	26				
502-EN3P15M26S	EN3P15M26SX	E	15	26				
502-EN3P16M26S	EN3P16M26SX	E	16	26				
502-EN3P18M26S	EN3P18M26SX	E	18	26				
In-Line Cord Type								
502-EN3L3M16	EN3L3M16X	F	3	16				
502-EN3L2M	EN3L2MX	F	2	20				
502-EN3L3M	EN3L3MX	F	3	20				
502-EN3L4M	EN3L4MX	F	4	20				
502-EN3L5M	EN3L5MX	F	5	20				
502-EN3L6M	EN3L6MX	F	6	20				
502-EN3L8M	EN3L8MX	F	8	20				
Cord Type								
502-EN3C3M16	EN3C3M16X	G	3	16				
502-EN3C2M	EN3C2MX	G	2	20				
502-EN3C3MX	EN3C3MX	G	3	20				
502-EN3C4M	EN3C4MX	G	4	20				
502-EN3C5M	EN3C5MX	G	5	20				
502-EN3C6M	EN3C6MX	G	6	20				
502-EN3C9M26S	EN3C9M26SX	G	9	26				
* 502-EN3C9M26SLX	EN3C9M26SLX	G	9	26				
502-EN3C10M26S	EN3C10M26SX	G	10	26				
* 502-EN3C10M26SLX	EN3C10M26SLX	G	10	26				
502-EN3C12M26S	EN3C12M26SX	G	12	26				
502-EN3C14M26S	EN3C14M26SX	G	14	26				
502-EN3C15M26S	EN3C15M26SX	G	15	26				
502-EN3C16M26S	EN3C16M26SX	G	16	26				
502-EN3C18M26S	EN3C18M26SX	G	18	26				
* 502-EN3C18M26SLX	EN3C18M26SLX	G	18	26				