



**MODELS:**



**FEATURES/BENEFITS:**



- LOW INSERTION FORCE MAY REDUCE RISK OF REPETITIVE TRAUMA INJURY
- WIDE WIRE RANGE FOR EASY INSTALLATION AT OEM AND IN FIELD
- TOUCH-SAFE DESIGN ON BOTH HALVES, MEETS UL/CSA REQUIREMENT
- MULTI-CONTACT DESIGN ALLOWS SAFE DISCONNECT UNDER LOAD
- DUAL PORTS ON 103 SUPPORT BOTH SWITCHING & FULL LIGHT OUTPUT
- DUAL PORTS ON 102X ALLOW ONE DISCONNECT ON FULL LIGHT OUTPUT

**ELECTRICAL:**

VOLTAGE: 600 V MAX  
 CURRENT: 6 A MAX  
 CURRENT INTERRUPTION: 10 CYCLES

**MECHANICAL:**

18 AWG INSERTION FORCE: 3 LB (13 N) MAX  
 1/2"KO (0.875" HOLE): COMPLIANT

**PHYSICAL:**

HOUSING: NYLON 94V-0  
 CONTACTS: COPPER ALLOY  
 PLATING: N/A  
 TEMPERATURE: 105 C (221 F)  
 STRIP LENGTH (LOAD): 3/8-1/2" (9,5 - 13 mm)  
 STRIP LENGTH (LINE): 3/8" (9,5 mm)  
 COLOR: ORANGE/WHITE  
 POLARIZED: YES

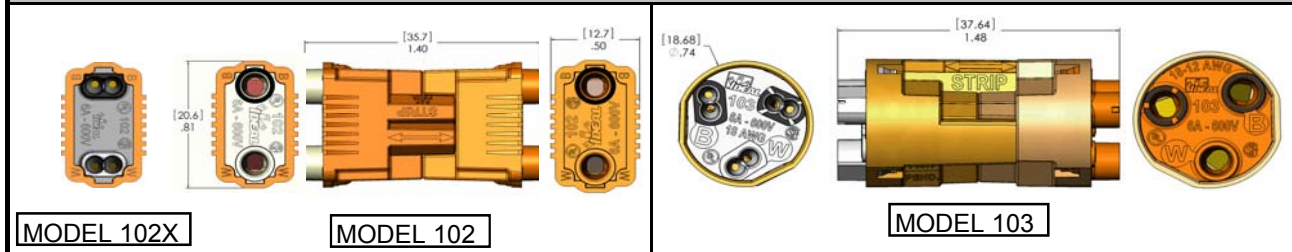
**STANDARDS & SPECIFICATIONS:**

UL 2459  
 CSA- C22.2 NO. 2459-08  
 RoHS COMPLIANT  
 NEC 2008 410.130(G) COMPLIANT  
 CEC 30-308(4) COMPLIANT  
 UL 94V-0 FLAME RATING  
 US PATENT 7,473,123  
 OTHER US & FOREIGN PATENTS PENDING

**WIRE RANGE:**

	ORANGE CAP	102 WHITE CAP	103 WHITE CAP
SOLID	12 -18 AWG	12 -18 AWG	18 AWG
STRANDED	12-14 AWG (≤19 STRAND)	12-14 AWG (≤19 STRAND)	N/A
TIN BONDED	12 AWG (≤19 STRAND) 14 AWG (≤19 STRAND) 16 AWG (≤26 STRAND) 18 AWG (≤16 STRAND)	12 AWG (≤19 STRAND) 14 AWG (≤19 STRAND) 16 AWG (≤26 STRAND) 18 AWG (≤16 STRAND)	18 AWG (≤16 STRAND)

**DIMENSIONS:**



**ORDERING INFO:**

CATALOG #	MODEL	# CIRCUITS	PACKAGE TYPE:	WEIGHT LBS (KG):
30-102	102	2	1,000 PIECE CARTON	13.6 (6,2)
30-102X	102X	2	1,000 PIECE CARTON	13.6 (6,2)
30-103X	103	3	1,000 PIECE CARTON	18.8 (8,5)

**FACTORY CONTACT:**

ENGINEERED SOLUTIONS  
 IDEAL INDUSTRIES, INC.  
 BECKER PLACE SYCAMORE IL  
 USA 60178  
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**SALES CONTACT:**