



REVISIONS LIST				
REV	ECO #	DESCRIPTION	DATE	APV'D
A		Initial Release		
B		Added Panel Cut Out Reference Diameter	04/17/18	RLM

**SPECIFICATIONS (UL Certified Inserts Only)**

<u>Mechanical</u>	
Durability	500 Cycles
<u>Electrical</u>	
Current Rating (Max)	
16 Gauge	13.0 A
12 Gauge	23.0 A
8 Gauge	46.0 A
4 Gauge	80.0 A
0 Gauge	150.0 A
Voltage	
Test (rms)	
Service Level Inst	1000 VAC
Service Level A	2000 VAC
Service Level B	4500 VAC
Service Level C	7000 VAC
Service Level D	2800 VAC
Service Level E	3500 VAC
Working (VDC/VAC)	
Service Level Inst	250/200
Service Level A	700/500
Service Level B	2450/1750
Service Level C	4200/3000
Service Level D	1250/900
Service Level E	1750/1250
Insulation Resistance (@500 VDC)	5000 MΩ

Shell Size	øA ±0.1	B ±0.50	C ±0.30	D ±0.80	E ±0.2	F ±0.25	G ±5.0	H Thread (Class: 2A)	Ref Panel Hole Cut Out Dimension
10SL	18.1	14.5	3.0	25.4	18.2	3.2	39.0	0.625-24	15.0
14S	24.5	14.5	3.0	30.0	23.0	3.2	41.0	0.750-20	19.9
16S	27.3	14.5	3.2	32.0	24.6	3.2	43.0	0.875-20	22.9
16	27.3	19.3	3.2	32.0	24.6	3.2	48.0	0.875-20	22.9
18	30.7	19.3	3.5	34.9	27.0	3.2	50.5	1.000-20	26.2
20	34.1	19.3	4.0	38.2	29.3	3.3	55.5	1.1875-18	29.3
22	37.3	19.3	4.0	41.2	31.8	3.3	55.5	1.1875-18	32.4
24	40.8	21.0	3.5	44.5	34.9	3.9	58.5	1.4375-18	35.7
28	46.6	21.0	3.5	50.4	39.7	3.9	58.5	1.4375-18	42.2
32	53.3	22.3	3.5	57.0	44.5	4.5	60.0	1.750-18	48.4
36	59.5	22.3	4.0	63.5	49.3	4.5	60.0	2.000-18	53.1
40	65.4	22.3	4.0	69.9	55.6	4.5	60.0	2.250-18	61.1

<u>Environmental</u>	
Operating Temperature (Max)	+125°C
Salt Spray	
Electrophoresis Green (Non-Conductive)	96 Hrs
Electroless Nickel (Conductive)	48 Hrs
Vibration (10-500Hz) (3 Axis)	90 Min (No Damage)

No.	Name	Material	Finish/Remarks
1	Shell	Aluminum	
2	Insert	Silicone Rubber/Neoprene	Silicone Rubber (UL V-0)
3	Contact	Brass	Silver or Gold Plated
4	Gasket	Silicone Rubber	

UNLESS NOTED TOLERANCES ARE: .X ± 0.38 .XX ± 0.25 ANGLES ± 1°	THIRD ANGLE PROJECTION			1170 S. PATTON ST. XENIA, OHIO 45385 PH: (937) 374-2700 FX: (937) 374-2717
	UNITS: mm SCALE: NTS SHEET: 1 OF 1			

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