

A. System Overview



One-Hole Aluminum Lay-In Lug

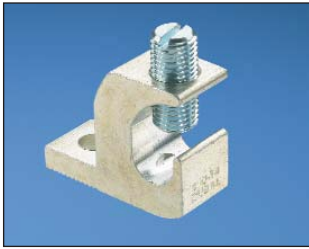
B1. Cable Ties

Type LI

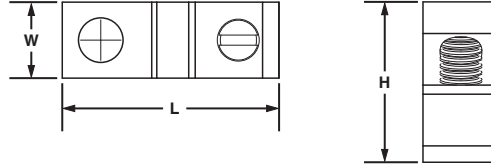
B2. Cable Accessories

- Used for quick installation of a continuous grounding conductor
- Made from high strength, extruded aluminum alloy to provide premium electrical and mechanical performance
- Tin-plated to inhibit corrosion
- Wide wire range-taking capability minimizes inventory requirements
- UL Listed and CSA Certified for use up to 600 V and UL temperature rated 90°C

B3. Stainless Steel Ties



C1. Wiring Duct



C2. Surface Raceway

C3. Abrasion Protection

Part Number	Conductor Size Range	Stud Hole Size (In.)	Hex Key Size (In.)	Figure Dimensions In. (mm)			Std. Pkg. Qty.
				L	W	H	
LI-50S-C	#14 – #4 AWG	0.22	**	1.07 (27.2)	0.38 (9.7)	0.78 (19.8)	100
LI-112S-L	#14 – 1/0 AWG	0.27	**	1.50 (38.1)	0.60 (15.2)	1.17 (29.7)	50
LI-252S-Q	#6 AWG – 250 kcmil	0.33	9/16	2.20 (55.9)	0.80 (20.3)	1.79 (45.5)	25

C4. Cable Management

The use of Panduit oxide inhibiting joint compound (CMP) is recommended for pad to pad and conductor connections. See below.
**Uses slotted head set screw.

D1. Terminals

Joint Compounds

D2. Power Connectors

Type CMP

- Oxide inhibitor for compression conductor connections lowers electrical resistance of compression joint while sealing out air and moisture to prevent the formation of surface oxides
- Wide operating temperature range; can be used in a wide range of electrical and environmental conditions
- Packaged in convenient dispenser bottles

D3. Grounding Connectors



E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index

Part Number	Part Description	Std. Pkg. Qty.
CMP-100-1	Contact aid for pad-to-pad or thread-to-thread aluminum connections, 8 oz. Operating temperature range -60°F (-51°C) to 400°F (204°C).	1
CMP-200-1	Contact aid for cable connections with compression connections made on aluminum conductor, 8 oz. Operating temperature range -40°F (-40°C) to 400°F (204°C). Compatible with all insulating materials.	1
CMP-300-1	Contact aid for copper-to-copper and copper-to-steel connections, 8 oz. Operating temperature range -40°F (-40°C) to 350°F (177°C). Good for all voltages and suitable for grounding. Also used for anti-seizing thread lubricant.	1
CMP-300-4-1	Contact aid for copper-to-copper and copper-to-steel connections, 4 oz. Operating temperature range -40°F (-40°C) to 350°F (177°C). Good for all voltages and suitable for grounding. Also used for anti-seizing thread lubricant.	1

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