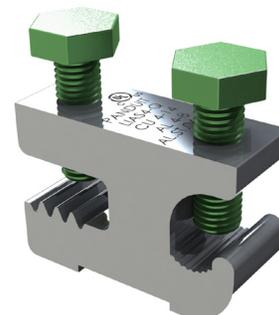


Lay-in Lugs for Grounding and Bonding Applications

The Panduit **LIAS4-Q**, lay-in lug simplifies the process of connecting grounding conductors to structures or solar panel installations without the need to drill holes in the structure or the use of threaded bolts and nuts.

This tin-plated, Aluminum connector head, with Stainless Steel set screws, is suitable for Copper or Aluminum conductors and easily attaches to the ground structure via a hex head set screw.

The Green hex requires no special tools, other than a hex wrench. This lay-in lug is common for solar panel applications primarily, but it can also work for other grounding applications on cable tray or steel beam surfaces.



KEY FEATURES AND BENEFITS

Lay-in design:	The lay-in design simplifies the installation of the grounding conductor with no need to thread through a hole or crimp, just lay it in and torque the set screw to the required value
AL 6061-T6 body material:	Provides excellent structural strength and offers excellent corrosion resistance
Stainless steel hex head set screws:	Provide sufficient torque capability, reliable electrical connections, corrosion resistance, ease of installation and are designed to penetrate surface oxides, coating or paint on surface of the grounding structure
AL body:	Can accept AL or CU conductors
Electro-tin plated:	Enhances conductivity
Serrations in conductor slot:	Enable cutting through potentially oxidized wire surfaces
RoHS compliant materials:	Protects human health and the environment from heavy metal poisoning and other harmful effects

TECHNICAL INFORMATION

Body material:	Tin-Plated Aluminum
Set screws:	Stainless Steel hex head green color. The green indicates that this is a grounding connection
Set screw performance:	Screw penetrates beam surface, paint oxide for electrical contact with the structure
Certifications:	UL 467 Grounding and Bonding UL 2703 Photovoltaic Systems
Conductor types:	Solid and Stranded CU and Stranded AL
Wire range:	#14 to #4 AWG CU Solid or Stranded #8 to #4 AWG AL Stranded
RoHS compliance:	Yes
Clamp torque value:	70 inch-pounds

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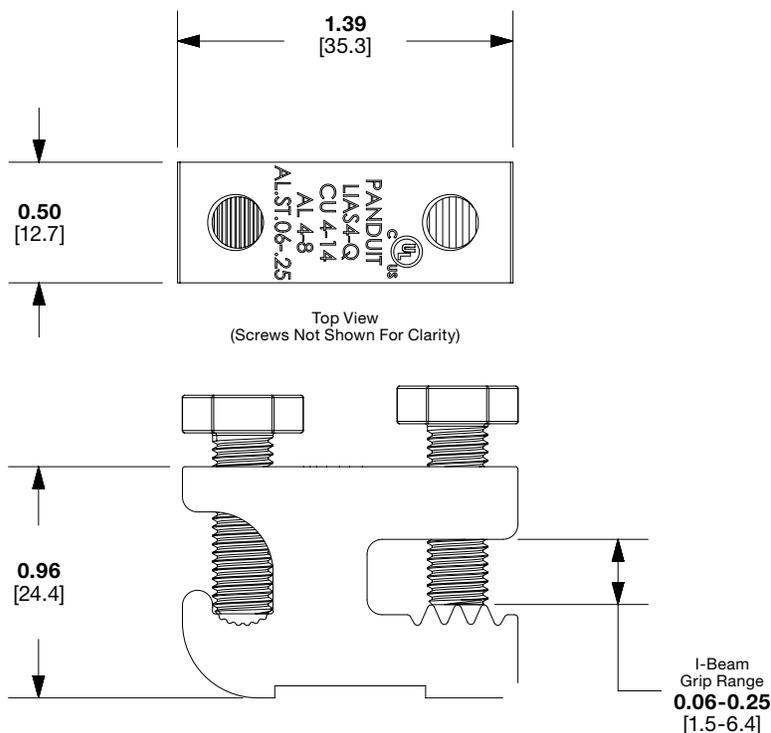
APPLICATIONS

The **LIAS4-Q** Aluminum lay-in lug is suitable for solar panels and other beam grounding applications. The connectors can accept a grounding surface of up to 1/4 inch thickness. Lay-in lugs are also suitable for grounding copper bus bars or steel beams that meet the thickness requirement, when drilling the target grounding surface is not possible or desirable.

ORDERING INFORMATION

Part Number	Set Screw Material	Conductor Size Range (AWG)	Hex Key Size (In.)	Figure Dimensions (In.)			Std. Pkg. Qty.
				L	W	H	
LIAS4-Q	Stainless Steel	#14 - #4 CU SOL / STR #8 - #4 AL STR	1/4	1.39	0.5	0.96	25

FIGURE DIMENSIONS



Dimensions are in inches. [Dimensions in brackets are metric].

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