

Amphenol®



HelioBolt®

Amphenol Industrial Solar Technologies (AIST) offers products and solutions for all segments of the solar electric system. AIST understands the need for efficient (low loss) power transfer, highly reliable, and cost effective solutions that are required to be competitive in this industry. We can provide panel manufacturers, installers, and OEM's with connectivity products for both thin film and crystalline silicon technologies. Amphenol has a broad range of technologies to help minimize the cost of inverters and power conditioners. Amphenol Industrial Solar Technologies can help you power the planet with the sun.

HelioBolt is a grounding component for solar modules and solar racking systems allowing easy termination to the ground wire.

HelioBolt provides a quick, economical and code compliant solution to securely ground PV panels and support structures.

HelioBolt is designed for UL2703; that means it is specifically approved for Photovoltaic applications and can be used on ANY PV panel with a metal frame. No need for explicit panel manufacturer approval, no need to stock manufacturer specific grounding equipment.

The HelioBolt is just one of the solar solutions Amphenol Industrial Solar Technologies has to offer.

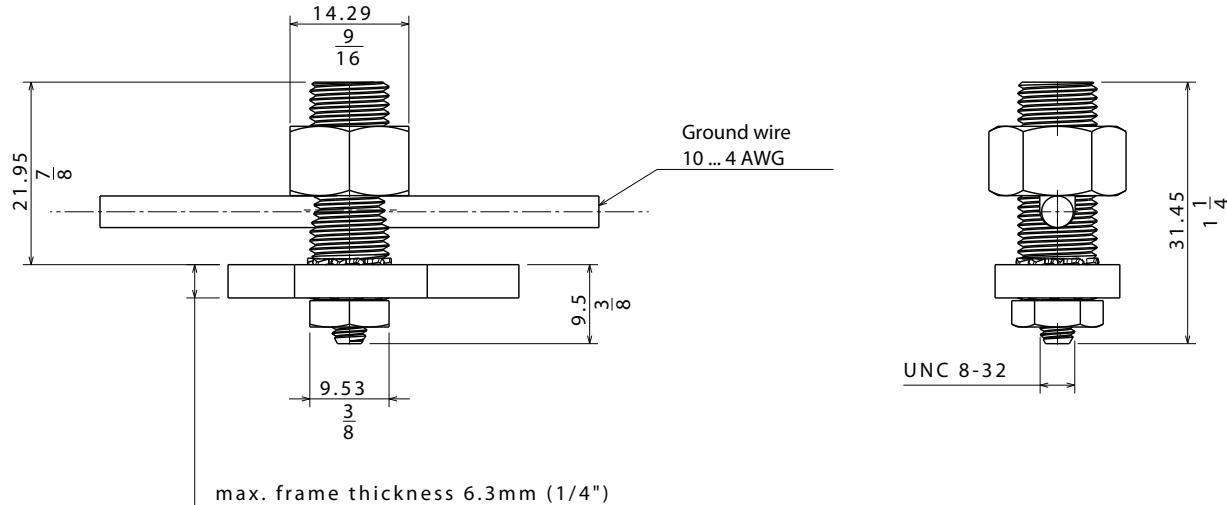
Features:

- Fast, economical PV panel grounding solution
- Designed for UL2703
- Meets all new NEC 2008/2011 requirements
- Can be used on ANY metal frame PV panel
- Quick installation with single screw
- Quick wire termination
- No special tools needed
- Use with all 10 - 4 AWG (4 - 16 MM²) solid, bare copper wire
- 100% passivated Stainless Steel Construction
- Jam nut allows to secure the bolt in any wire direction
- Side Wire Insert allows compression nut to stay in place during installation

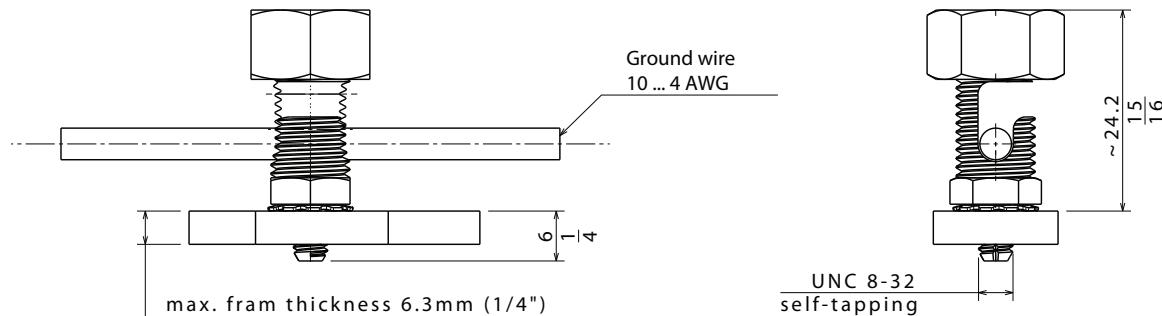


Technical Data

Grounding wire capacity	Solid copper wire 10 to 4 AWG
Contact type	Compression by stainless steel nut
Contact material	Stainless steel
Bolt material	Stainless steel
Mounting screw material	Stainless steel
Jam nut material	Stainless steel



Jam nut version - closed



Thread-cutting version - open to insert wire

How to order											
1	2	3	4	5	6						
HG	B	9	U	C	F						
Product line	Type	Wire Size	Approvals	Packaging	Variations						
HG	Helios Grounding	B	HelioBolt	9	4 - 16 mm ² 10 - 4 AWG	U	UL	I	Single	F	Self-tapping screw 8-32
								C	100 pcs.	L	8-32 thread, jam nut
								M	500 pcs.		

Notice: Specifications are subject to change without notice. Contact your nearest Amphenol Corporation Sales Office for the latest specifications. All statements, information and data given herein are believed to be accurate and reliable but are presented without guarantee, warranty, or responsibility of any kind, expressed or implied. Statements of suggestions concerning possible use of our products are made without representation or warranty that any such use is free of patent infringement and are not recommendations to infringe any patent. The user should assume that all safety measures are indicated or that other measures may not be required. Specifications are typical and may not apply to all connectors.

For further information on your individual application requirements, contact: Amphenol Corporation

North America:
Amphenol Industrial Operations
180 N. Freeport Drive, Plant 4
Nogales, AZ 85621
Tel: (520) 285-5130
Fax: (520) 285-5134
Email: rpedrazzini@amphenol-aio.com

Europe:
Amphenol Industrial Operations Europe
Via Barbaiana 5
1-20020 Lainate (MI) Italy
Tel: +39 02 93254.204
Fax: +39 02 93254.444
Email: info@amphenol-aio.com

Middle East:
Amphenol Middle East Enterprises FZE
Office C-37 PO Box 21107
Ajman Free Zone, UAE
Tel: +9716-7422494
Fax: +9716-7422941
Email: ameefze@eim.ae

Asia:
Amphenol Technology Shenzhen Ltd
Block 5 Fuan 2nd Industrial Park
Dayang Rd, Fuyong Baoan
Baoan, Shenzhen, China 518103
Tel: +86 755 2881 8389
Fax: +86 755 2991 8310
Email: enquiry@amphenol-aio.com

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Amphenol:](#)

[HGB9UIF](#)