

Earthing Lugs / Clamps

Rev.:A/0
2014

Product description

Earthing lug/clamp assembly for use with metal-framed solar photovoltaic modules and related products which require grounding to earth.

The product meets the electrical, mechanical and environmental performance requirements specified below.

All measurements are recorded at ambient environmental conditions.

Description

Earthing lug/clamp consisting of Wire Bolt (with Wire Slot and threaded screw),

Binding Nut and Mounting Nut.

See Figure 1.

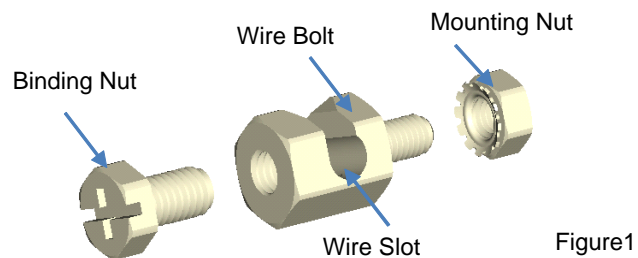


Figure1

Product technical parameters

Materials: Copper

Color: White

Frame Thickness Range: 1.1-4.5mm

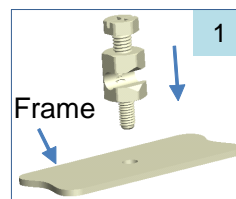
Mounting hole diameter: $\Phi 5.2-8.0 \pm 0.1\text{mm}$

Working temperature: -40°C to 90°C

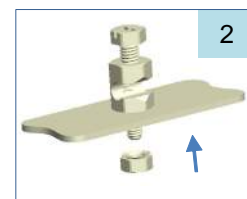
Suitable cable cross sections:
2.5/4.0/6.0/10mm² & 14/12/10/6Awg

Features

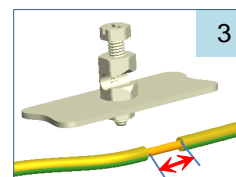
- Quick and easy mounting procedures.
- Rugged and compact hex bolt design made from stainless steel.
- Toothed Mounting Nut ensures good electrical contact with metal Frame.
- Standard tooling can be used with the hex nuts.
- Product appearance concise.
- Twenty-five Year warranty.
- Small, Flexible and Fitted various place assemble.



- Drill 5.2-8.0mm hole in Frame. Insert Earthing Lug.

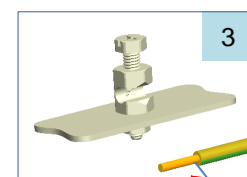


- Tighten Mounting Nut with spanner to secure Earthing Lug to Frame.

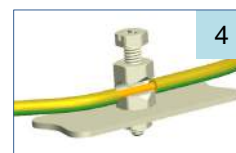


13 ± 1

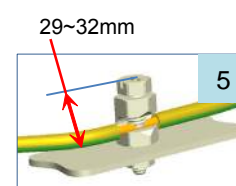
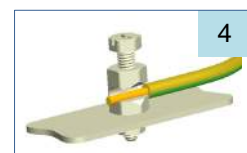
- Bare a 13mm length of cable and insert into Wire Slot.



13 ± 1



- Tighten Binding Nut with screwdriver or spanner.



- The total height from Frame is 29-32mm.

