



Hanwha SolarOne GmbH

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Hanwha SolarOne GmbH Oskar-Messter-Str. 13 85737 Ismaning

Jurchen Technology GmbH  
Mr. Michael Jurchen  
Prinz-Ludwig-Str. 5  
97264 Helmstadt  
Germany

Ismaning, March 24<sup>th</sup> 2015

Approval Mounting Clip Jurchen JT-MKG-III

Dear Mr. Jurchen,

Hanwha SolarOne produces Photovoltaic Modules (PV modules) which comply to and exceed requirements of many international Standards including but not limited to IEC 61215 (Design Requirements for Terrestrial Use) and IEC 61730 (Safety Requirements for PV Modules).

Hanwha SolarOne's IEC compliant Installation Guide describes applicable methods for PV module mounting. Achievable mechanical loads depend on the method selected.

Hanwha SolarOne hereby confirms, Mounting Clip JT-MKG-III can be used in combination with our HSL Series PV Modules HSL60P6-PB-1-xxx whereas xxx indicates power class. For more details, please refer to Hanwha SolarOne's IEC compliant Installation Guide Version 2013 1.04EA and revision 2013-11-26, which must be followed in any case.

The Mounting Clip may be used as well for grounding, however applicable local / national electrical codes must be followed and compliance to them is solely under the responsibility of the installer of the PV modules. Furthermore, Hanwha SolarOne cannot take any responsibility regarding the electrical functionality of this grounding method.

In addition the installer bears sole responsibility Hanwha SolarOne's modules are installed in such way that (except for the penetration of the mounting clip through the anodized surface of the module frame) no further impact/damage is made to the PV module. Further modifications of the PV module are not permitted (please refer to "Limited Warranty Terms for PV Modules" for more details).

Hanwha SolarOne approved the Module Clip as is and does not take any responsibility for potential upcoming design changes which may make this approval invalid.

Mounting Clip Type: Jurchen JT-MKG-III (2014\_0411\_DE)

Mounting Clip Material: Stainless Steel 1.4301

Module Frame HSL 60: 40 mm height (Mounting Clip range 34mm – 50mm)

Best regards

A handwritten signature in blue ink, appearing to read "B. Blersch".

Bernhard Blersch  
Senior Manager Quality and Products

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Hanwha SolarOne GmbH