

# SOLFIL<sup>®</sup> +

Range

exclusive system  
**Patented**  
without the need for prior  
preparation of the  
equipotential bonding  
cable



A range of insulation  
displacement connectors  
for equipotential bonding





## Patented insulation displacement connector

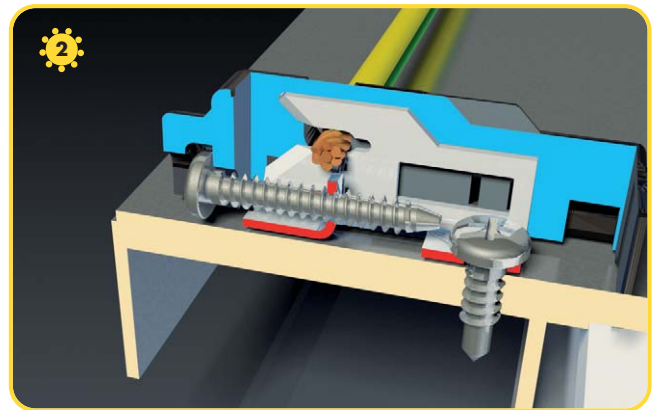
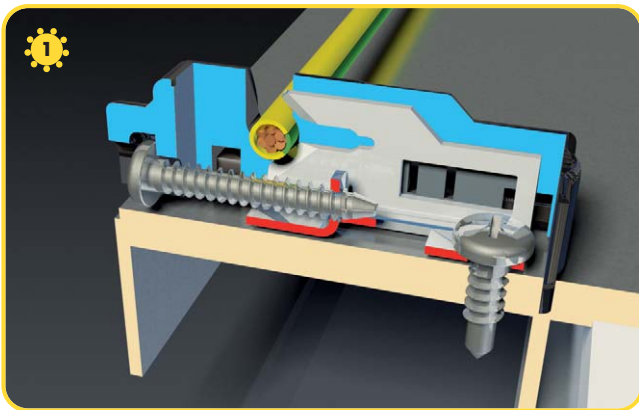
The **SOLFIL®+** range of connectors offer a convenient solution to most of installation requirements without the need for prior preparation of the equipotential bonding cable.

A simple powered screwdriver is the only tool required.

The **SOLFIL®+** range meets the requirements of UL 1703 and UTE C15-712 standards.



## An electrical contact of quality



The equipotential bonding of photovoltaic panels is provided:

- 1** by tapping thanks to the thread pattern of the stainless steel fixing screw, which creates the contact with the aluminium frame.
- 2** thanks to the 2 stainless steel blades which cut and displace the cable insulation, a reliable contact is made with the conductor.

This technology achieves a contact of excellent quality, even the difficulty of an anodized surface on the panel does not present a problem.

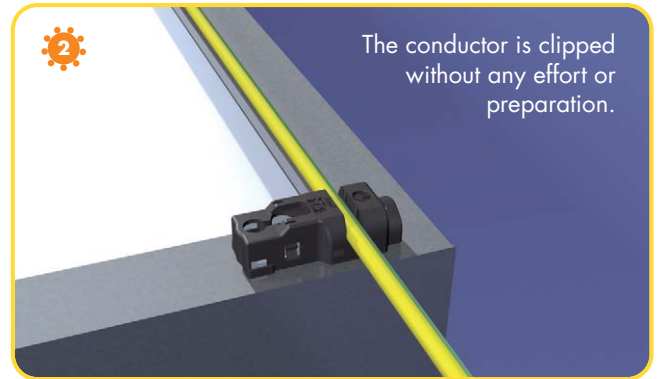
This **SOLFIL®+** technology allows an individual frame to be disconnected without lessening the integrity of the connections to the other frames or the equipotential bond connecting them.



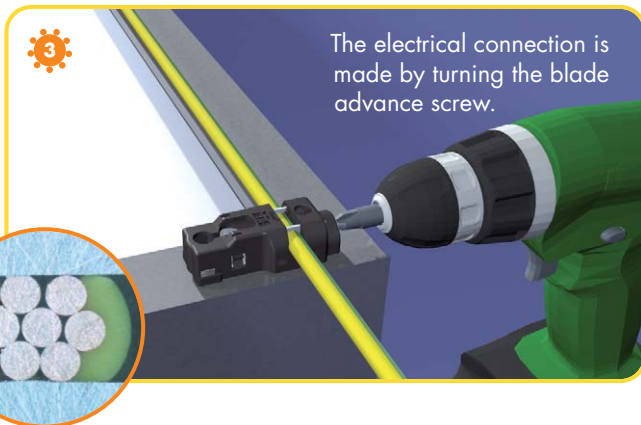
**Example of a quick and reliable implementation of SOLFIL®+**



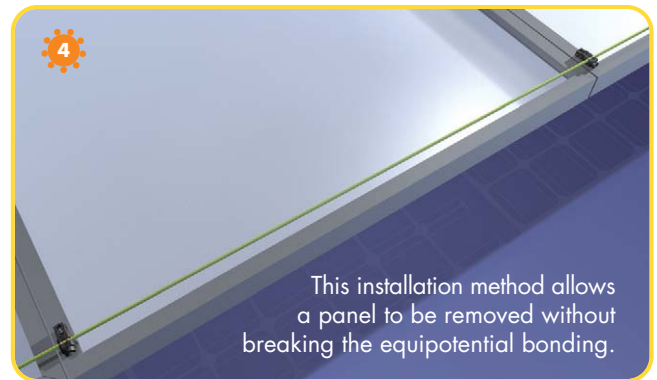
Solfil+ can be fixed quickly by drilling and tapping the chassis, using a screwdriver equipped with a PZ2 hexagon bit.



The conductor is clipped without any effort or preparation.

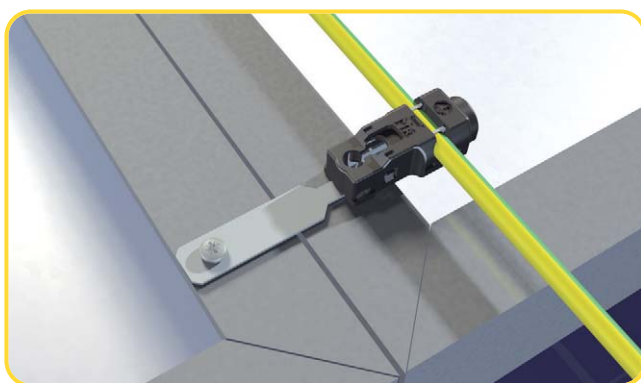


The electrical connection is made by turning the blade advance screw.



This installation method allows a panel to be removed without breaking the equipotential bonding.

**A range which can be adapted to all the situations**



**SFP6PI2V**  
2-panel bonding

It enables to connect directly 2 panels side by side when it is possible to have an access under the modules as for the installations on the ground.



**SFP6PIPR**  
with ductile extender

It allows some flexibility in the positioning even when the access and space requirements could imply a difficult mounting. After fixing, the operator can easily adjust the extender to operate the connection.




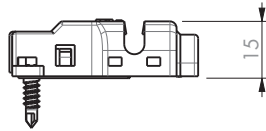
## Characteristics

- Thickness of the chassis for fixing/drilling: 1.2 to 2 mm in aluminium only.
- Recommended cable:

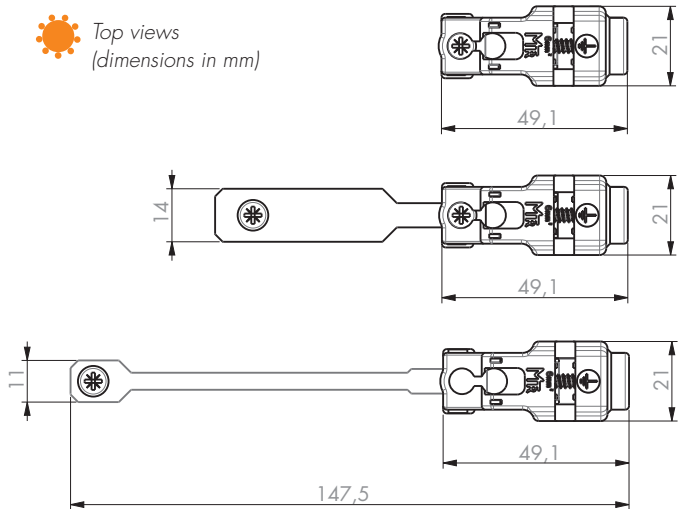
6 mm <sup>2*</sup>	Type	Colour	Quality	Nbr of strands
	insulated H07	green/yellow	Rigid	7

\* according to the requirements of UTE C 15-712 standard




 Side-face views  
(dimensions in mm)



 Top views  
(dimensions in mm)



## Part number table

Product	Item code	Part number	Material	Packing
	7341960	SFP6PI	Stainless steel	100
	7341966	SFP6PI2V	Stainless steel	50
	7341971	SFP6PIPR	Stainless steel	50

## Tooling for connector

Product	Item code	Part number
<ul style="list-style-type: none"> <li>• Professional cordless screwdriver.</li> <li>• Lithium-Ion battery: 10.8 V – 1.3 Ah.</li> <li>• Load indicator.</li> <li>• 10 mm self-locking chuck.</li> <li>• Max. torque: 30 Nm.</li> <li>• Delivered in a box with 2 batteries and 1 charger.</li> <li>• Cordless screwdriver: weight 0.95 kg – length 179 mm.</li> </ul> 	7512070	GSR10,8-2LI

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