

Press Release

Weidmüller the first to release surge protection for photovoltaic systems that complies with new standard

For immediate release

Weidmüller 

Electrical connectivity giant, Weidmüller, is the first company in the world to unveil a range of surge protection devices that meet the latest standard, AS/NZS 5033:2012, to protect photovoltaic investments.

The Weidmüller VPU DC surge protection series has been specially designed for photovoltaic systems found on the roofs of industrial and commercial buildings. Independently tested by CTI in Austria, the series complies fully with both the latest international and local requirements.

The range includes 600, 1,000, 1,200 and 1,500Vdc models in Type I and Type II options. Type I provides surge protection for use with external lightning protection systems while Type II delivers surge protection to installations that have no external lightning protection.

Designed to deliver exceptional performance, the range combines varistor and gas discharge technology to provide sustainable protection. This, together with the newly designed thermal fuse system offers maximum reliability in lightning and surge voltage protection to help safeguard both assets and people.

Providing complete flexibility and convenience, each VPU module is easily and quickly pluggable. A new mounting rail clip enables simple and fast assembly and removal, and without the need for tools. The devices can also be rotated 180° in the electrical/control cabinet to ensure the highest degree of flexibility during installation and without impacting on overall visibility.

The units also feature a large, central status display window. Easy to read, users can see at a glance the status of the protective function. If the flag in the status window changes from green to red it is no longer providing protection and the device can be replaced quickly because of the plug-in connectors and without the need to disconnect any wiring.

The choice of a sophisticated alarm function that notifies users via a mechanical relay is available on all models. All the modules are self-monitoring. Once the life of the module has been extinguished the relay function informs the user that it needs replacing.

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The units also feature 'Y' type models to ensure that fault currents do not affect the surge protection device from over voltage.

Plus, each model has been thoroughly tested and qualified to provide maximum lightning and surge voltage protection and reliability.

Specifically for use in photovoltaic systems on the roofs of industrial and commercial buildings, the new VPU DC series now helps users protect against lightning and voltage surges today with tomorrows technology.

For more information on the VPU DC series call Weidmuller on free call 1800 739 988 or email info@weidmuller.com.au

Caption: The all-new VPU DC surge protection series from Weidmuller.

About Weidmuller

Weidmuller is the world-leading provider of intelligent solutions for electrical connectivity, transmission, conditioning and processing of power, signal and data in industrial environments.

Dynamic and pioneering, Weidmuller has a long history in developing innovative products in electrical connectivity and electronics that exceed market expectations.

The Australian operation is a centre of excellence for the design and manufacturing of the Group's electronics products, which deliver undisputed quality and reliability.

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