

Press Release

Weidmüller the first to release a surge protection series that meets EN 61643-11 standards

For immediate release

Weidmüller 

Leading worldwide electrical connectivity supplier, Weidmüller, is the first company in the world to unveil a range of surge protection devices that meet the new global IEC standards while exceeding Australian standards.

The all-new lightning and surge protection VPU series meets the current IEC 61643-11 and EN 61643-11 standards. While Australia's prevailing standards may not be updated for another two years, users will now be able to ensure they meet any future engineering design requirements saving both time and money.

The comprehensive VPU range includes models for Category C3 to A for energy networks with about 200 variants available to ensure optimal choice for users. The range also includes products for photovoltaic facilities and wind power installations.

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.

Moreover, each VPU module locks firmly into position on the base of a mounting rail thanks to an innovative locking mechanism. A user can hear and feel the arrester lock into place. The lock ensures the unit can withstand vibration and meets the exacting requirements on vibration resistance set by wind turbine manufacturers.

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.

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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.

The units also feature a 'Y' type wiring connection that provides a separate in/out connection to 120A using 100kA models with a 50mm² stranded wire cable entry. This helps reduce the let through voltage by eliminating additional wiring for simple electrical structures with <125A main fusing.

Delivering complete peace of mind, each Weidmuller VPU model has been thoroughly tested and qualified to provide maximum lightning and surge voltage protection and reliability.

Perfect for use in building facilities, machine construction, process technologies and renewable energies, the new VPU series now helps users protect against lightning and voltage surges today with tomorrows technology.

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

Caption: The all-new VPU 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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