

Cōncentrate

Let's connect.

Weidmüller 

PRODUCT STORIES

VARITECTOR PU AC lightning and surge protection

Reliable protection

The protection of sensitive electronic equipment against the harmful effects of lightning and surges is becoming more important as system complexities increase. Each critical area from the incoming AC mains, distribution boards as well as final circuits and individual devices can be protected using Weidmüller's Varitector range of Surge Protection Devices.

The need for protection extends to individual areas of an installation and Varitector from Weidmüller offers the right level of protection with our range of AC mains surge protection devices for Class II applications.

The VARITECTOR PU AC family provides Class II surge protection has an I_{max} of 50 kA (8/20 μS) and complies with IEC/EN 61643-11 as well as AS/NZS 1768: 2011. Available in 1 ph, 1 ph+N, 3 ph and 3 ph+N formats, all MEN connected domestic, commercial and industrial class II installations can be protected.



To ensure sensitive equipment is protected over time, the VARITECTOR PU AC green flag indicator changes to red as the device nears its end of life signalling. Remote signalling is an option advising a replacement cartridge is required. For further protection, versions are available with an additional yellow warning flag to indicate the partial end of life. This can be advantageous in areas of critical infrastructure where the need to always maintain protection is necessary.

The replaceable plug-in cartridges are securely held in place with a positive locking lever. A high level of protection is afforded by a typical Up of 1500 V.

The VARITECTOR PU AC is part of Weidmüller's extensive lightning and surge protection range which covers Class I, II and III low voltage mains as well as protection for photovoltaic systems, data and signals. Let's connect.

Features

- Low voltage AC mains protection
- 50 kA (8/20 μS) protection
- Green/Red/Yellow end-of-life indication option
- Relay indication options for remote alarm
- Din rail mounting with secure spring-loaded foot
- Reliable protection you can depend on

FEATURED PRODUCTS



VPU AC II 1 R 300V/50KA

Protection for single-phase for mainboard (MEN)

- I_{max} 50kA
- I_{nom} 20kA
- Surge protection with remote contact
- Protection level Up of 1500V

Order number: 2591030000



VPU AC II 1+1 R 300V/50KA

Protection for single-phase for distribution board

- I_{max} 50kA
- I_{nom} 20kA
- Surge protection with remote contact
- Protection level Up of 1500V

Order number: 2591070000



VPU AC II 3 R 300V/50KA

Protection for three-phase for mainboard (MEN)

- I_{max} 50kA
- I_{nom} 20kA
- Surge protection with remote contact
- Protection level Up of 1500V

Order number: 2591170000



VPU AC II 3+1 R 300V/50KA

Protection for three-phase for distribution board

- I_{max} 50kA
- I_{nom} 20kA
- Surge protection with remote contact
- Protection level Up of 1500V

Order number: 2591090000

TECH TIP

Tech Tip: Surge Protection

The selection of Surge Protection Devices for mains can often be confusing. A simple starting point is to commence at the main power board. For MEN systems, a single-pole device for 1ph or a three-pole device for 3ph is used. At the distribution board, we then fit either one or three-pole devices but now we must protect the neutral. A 1+1 pole or 3 +1 pole device is required. In the vast majority of cases, at least a 40kA I_{max} rated device can be used in both the main and distribution boards. For areas of high lightning or critical applications up to a 100kA I_{max} device could be fitted in the mainboard. The Australian Standard AS1768 is your best guide for the selection and installation of Surge Protection Devices.

Let's connect.

For more info: www.weidmuller.com.au



Please contact your local authorised distributor for more information
www.weidmuller.com.au

