



**50%
SPACE
SAVING**

Lightning and surge protection **VARITECTOR PU AC S-Line** The new benchmark in surge protection

Safe, efficient and extremely space-saving

With increasing digitalisation, the infrastructure of intelligent devices and systems is becoming more and more sensitive to interferences. Besides, cost and competition are forcing manufacturers to improve compactness and efficiency of their products.

The innovative HAD-technology of our VARITECTOR PU AC S-line enables a particularly space-saving design with only 18 mm width per pole. For excellent surge protection with a slim design and an attractive price / performance ratio.



Efficient installation

The reduction of the components from 2 TE to 1 TE per pole with 25 kA discharge capacity allows a 50 % smaller space requirement. The pluggability of the modules accelerates the replacement of arresters.



Energetic coordination

With a protection level of 1,500 V, the VPU AC S line is coordinated as an arrester of type I, II and III. Additional protection is therefore only required only for wiring distances of more than 10 m to the next electrical consumer.



Powerful protection

The components are certified according to IEC 61643-11 of course, but they offer much more than standard devices: fuseless operation up to 315 A, for example. As no separate back-up fuse is required, there is no need for additional space, installation work and costs.

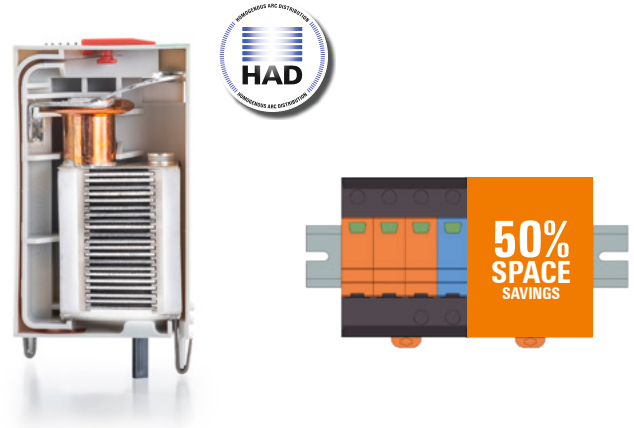
Technology highlight: HAD-technology



Get to know our VARITECTOR PU S-Line in the video.

Weidmüller's VPU AC S-Line was developed to combine the best features of voltage switching and voltage limiting protection technologies and create an ideal Type I surge protection.

The innovative HAD technology (Homogenous Arc Distribution) is extremely compact and uses a voltage switching technology with a very low residual voltage. This enables the products to achieve a low follow current strength, which means that even a 16 A fuses will not trip.

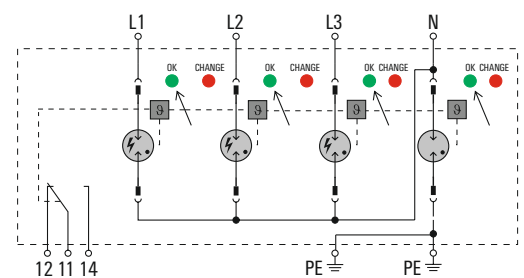


Overview of articles

Type	Protection class	Max. continuous voltage / Lightning test current (Iimp)	Low voltage network	Design*	Order No.
VPU AC I 1 275/25 LCF S	Type I/II	275 V AC / 25 kA	TN, Single-phase	1 TE	2726620000
VPU AC I 1 R 275/25 LCF S	Type I/II	275 V AC / 25 kA	Single-phase	1 TE	2726660000
VPU AC I 1+1 275/25 LCF S	Type I/II	275 V AC / 25 kA	TN, Single-phase	2 TE	2726680000
VPU AC I 1+1 R 275/25 LCF S	Type I/II	275 V AC / 25 kA	TN, Single-phase	2 TE	2726700000
VPU AC I 2 275/25 LCF S	Type I/II	275 V AC / 25 kA	TN, Single-phase	2 TE	2726720000
VPU AC I 2 R 275/25 LCF S	Type I/II	275 V AC / 25 kA	TN, Single-phase	2 TE	2726730000
VPU AC I 3 275/25 LCF S	Type I/II	275 V AC / 25 kA	TN-C	3 TE	2726740000
VPU AC I 3 R 275/25 LCF S	Type I/II	275 V AC / 25 kA	TN-C	3 TE	2726750000
VPU AC I 3+1 275/25 LCF S 2PE	Type I/II	275 V AC / 25 kA	TN-C-S, TN-S, TT	4 TE	2726760000
VPU AC I 3+1 R 275/25 LCF S 2PE	Type I/II	275 V AC / 25 kA	TN-C-S, TN-S, TT	4 TE	2726770000
VPU AC I 4 275/25 LCF S	Type I/II	275 V AC / 25 kA	TN-C-S, TN-S	4 TE	2726780000
VPU AC I 4 R 275/25 LCF S	Type I/II	275 V AC / 25 kA	TN-C-S, TN-S	4 TE	2726790000

*1 TE = 18 mm

- Narrowest pluggable type I arrester with 25 kA discharge capacity
- Powerful – fuseless operation up to 315 A
- Energetic coordination as type I, II and III enables reliable protection



VPU AC I 3+1 R 275/25 LCF S



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www.weidmueller.com/varitector



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