VARITECTOR – Lightning and surge protection

Protect sensitive devices reliably against overvoltage damage

Leakage current-free VPU AC type I+II lightning arrester for 230/400V networks

The growing number of sensitive devices requires ever better lightning and surge protection for power feeds. This applies to industrial plants as well as to private and public buildings and regenerative power generation.

The combined lightning and surge protection devices of the VARITECTOR PU AC type I+II are leakage current-free and particularly compact. They can be used in the pre- and post-metering area according to VDE-AR-N 4100. All devices are energy coordinated and fulfill the performance classes T1, T2 and T3 according to IEC/EN 61643-11 and VDE 0675-11 with a protection level U_p to ≤ 1.5 kV. Application-specific product configurations are available for the different network types.

Your special advantages:

- Combined type I+II arrester for a wide range of applications
- Leakage current-free monobloc with 12.5 kA lightning impulse current I_{imp}
- Status display and remote signalling contact for easy maintenance

Comprehensively tested

The combined arresters type I+II are tested as lightning protection (test pulse 10/350 µs) as well as surge protection (test pulse 8/20 µs).

Variable installation

Thanks to the leakage current-free technology, the arrester can be installed both upstream and downstream of the electricity meter in accordance with VDE-AR-N 4100.

Designed for easy maintenance

The devices are equipped with a clearly visible status window as well as optional with a pluggable remote signalling contact for error reporting to the higher-level control system.

Technical data

Product name	Type	Mains voltage	Version	Order No.
VPU AC I 1+1 255/12.5 LCF MB	I	230 V / 400 V	Without remote contact	**2976580000**
VPU AC I 1+1 R 255/12.5 LCF MB	I	230 V / 400 V	With remote contact	**2976590000**
VPU AC I 3 255/12.5 LCF MB	I	230 V / 400 V	Without remote contact	**2976600000**
VPU AC I 3 R 255/12.5 LCF MB	I	230 V / 400 V	With remote contact	**2976610000**
VPU AC I 3+1 255/12.5 LCF MB	I	230 V / 400 V	Without remote contact	**2976620000**
VPU AC I 3+1 R 255/12.5 LCF MB	I	230 V / 400 V	With remote contact	**2976630000**
VPU AC I 4 255/12.5 LCF MB	I	230 V / 400 V	Without remote contact	**2976640000**
VPU AC I 4 R 255/12.5 LCF MB	I	230 V / 400 V	With remote contact	**2976650000**

Visit our website for more information
www.weidmueller.com/varitector

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Made in Germany | 10/2023/TCDS