

VARITECTOR – Lightning and surge protection

VARITECTOR PU AC I with integrated fuse

Combine operational safety and efficiency

The demands on system availability in industrial plants, buildings and power generation plants are growing. High-performance lightning and surge protection prevents failures and is already mandatory in many areas.

The proven surge protection devices of the VPU series type I with 25 kA are also available in versions with integrated back-up fuse. This eliminates the need for an additional back-up fuse upstream of the SPD. The combined type I+II surge protection devices have one back-up fuse per protective path and can be used universally in power distribution systems. Application-specific product configurations are available for the different network types.



Your special advantages:

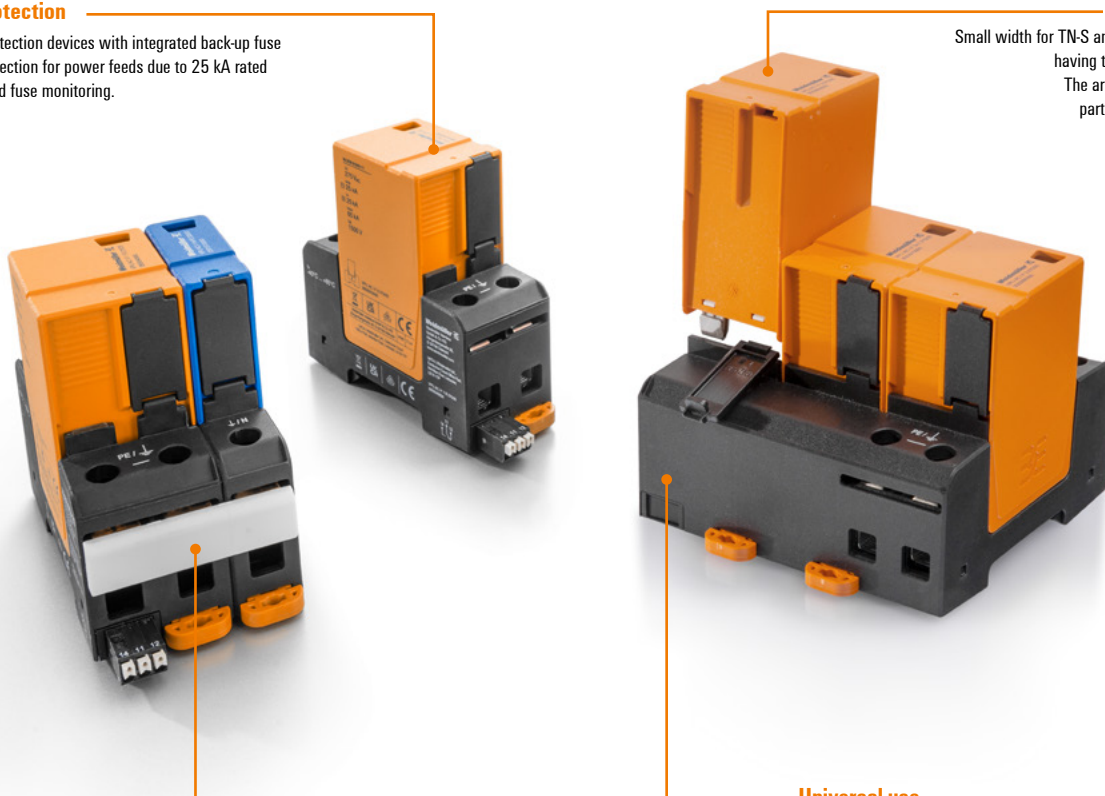
- Perfect protection due to integrated fuse and high discharge currents
- Efficient wiring by omission of back-up fuses
- Flexible use in all power distribution systems
- Convenient installation and maintenance due to pluggable modules
- Spacesaving design
- Leakage-current-free protection technology
- Cross-connections for free configuration of different network forms
- Preconfigured for multipole applications

Maximum protection

The new surge protection devices with integrated back-up fuse offer optimum protection for power feeds due to 25 kA rated leakage current and fuse monitoring.

Compact design

Small width for TN-S and TN-C systems, without having to install an external fuse. The arresters are pluggable and particularly easy to maintain.



Flexible use

Cross-connections simplify the application-specific product configuration for use in different network types. Pre-configured 3+0 and 3+1 variants are available for multipole applications. There is no need to wire the poles together.

Universal use

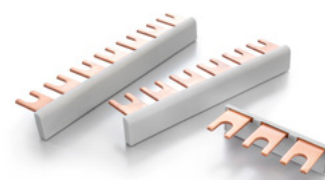
The dimensioning is independent of the main fuse rating, so that no back-up fuse is required even above 315 A. This minimises the wiring effort for all power distributions. The multipole build makes wiring the poles to each other unnecessary.

Technical data

Product name	Type	Mains voltage	Version	Order No.
VPU AC I F 1 275/25	I + II	230 V / 400 V	Without remote contact	2859330000
VPU AC I F 1 R 275/25	I + II	230 V / 400 V	With remote contact	2859340000
VPU AC I F 0 275/25	I + II	230 V / 400 V	Spare arrester	2859350000
VPU AC I F 3 275/25	I + II	230 V / 400 V	Without remote contact	3022890000
VPU AC I F 3 R 275/25	I + II	230 V / 400 V	With remote contact	3022900000
VPU AC I F 3+1 275/25	I + II	230 V / 400 V	Without remote contact	3022910000
VPU AC I F 3+1 R 275/25	I + II	230 V / 400 V	With remote contact	3022920000
VPU AC I F 0 275/25 MP	I + II	230 V / 400 V	Spare arrester	3056190000
VPU AC I F 0 N-PE 275/25	I + II	230 V / 400 V	Spare arrester	3022930000

Cross-connections

Product name	Order No.
VPU AC FB 16-2	2904360000
VPU AC FB 16-3	2904370000
VPU AC FB 16-4	2904380000
VPU AC FB 16-6	2904390000
VPU AC FB 16-7	2904400000



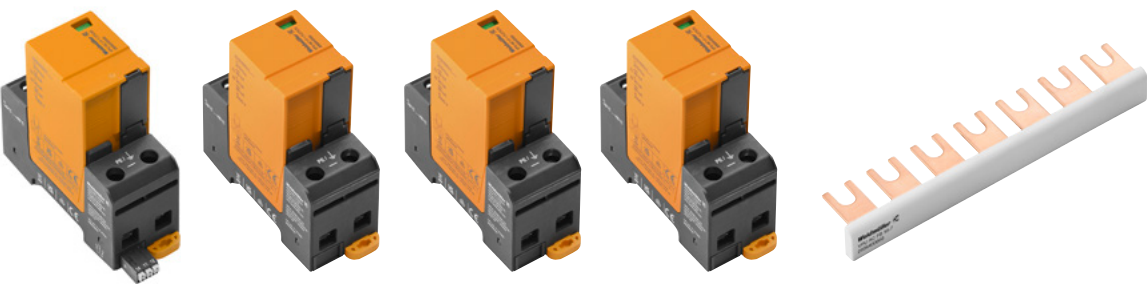
Visit our website for more information
www.weidmueller.com/varitector



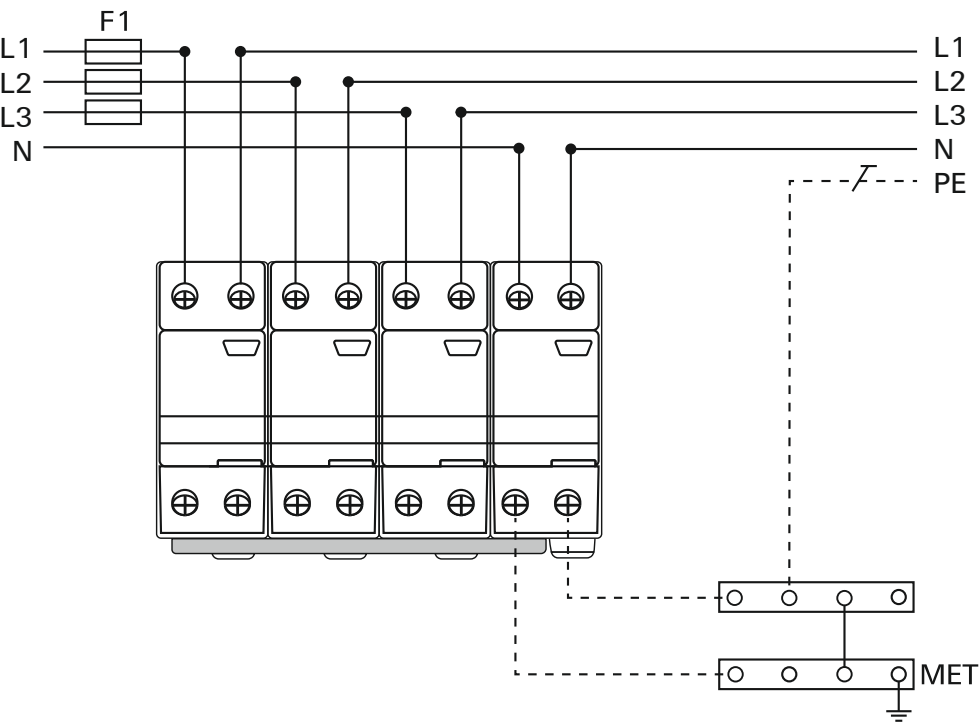
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4+0 configuration with VPU AC I F 1+0

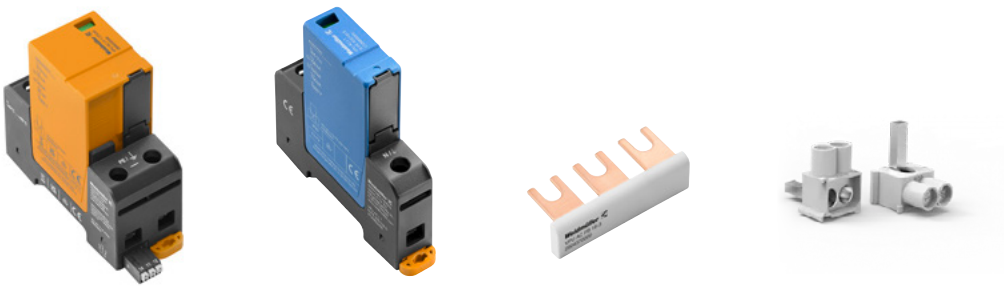
for TN-S systems wiring



Product name	Type	Mains voltage	Description	Order No.
VPU AC I F 1 R 275/25	I + II	230 V / 400 V	With remote contact	2859340000
VPU AC I F 1 275/25	I + II	230 V / 400 V	Without remote contact	2859330000
VPU AC FB 16-7				2904400000



1+1 configuration with VPU AC N-PE and VPU AC Extender for TN-S and TT systems wiring



Product name	Type	Mains voltage	Description	Order No.
VPU AC I F 1 R 275/25	I + II	230 V / 400 V	With remote contact	2859340000
VPU AC I F 1 275/25	I + II	230 V / 400 V	Without remote contact	2859330000
VPU AC I 1 N-PE 305/100 S	I + II	230 V / 400 V	Without remote contact	2726800000
VPU AC FB 16-3				2904370000
VPU AC Extender				3123500000

