

## 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.



### Flexible use

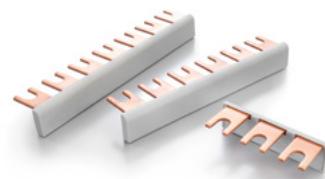
Cross-connections simplify the application-specific product configuration for use in different network types. Pre-configured 3+0 and 3+1 variants are available for multipole applications. There is no need to wire the poles together.

### 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



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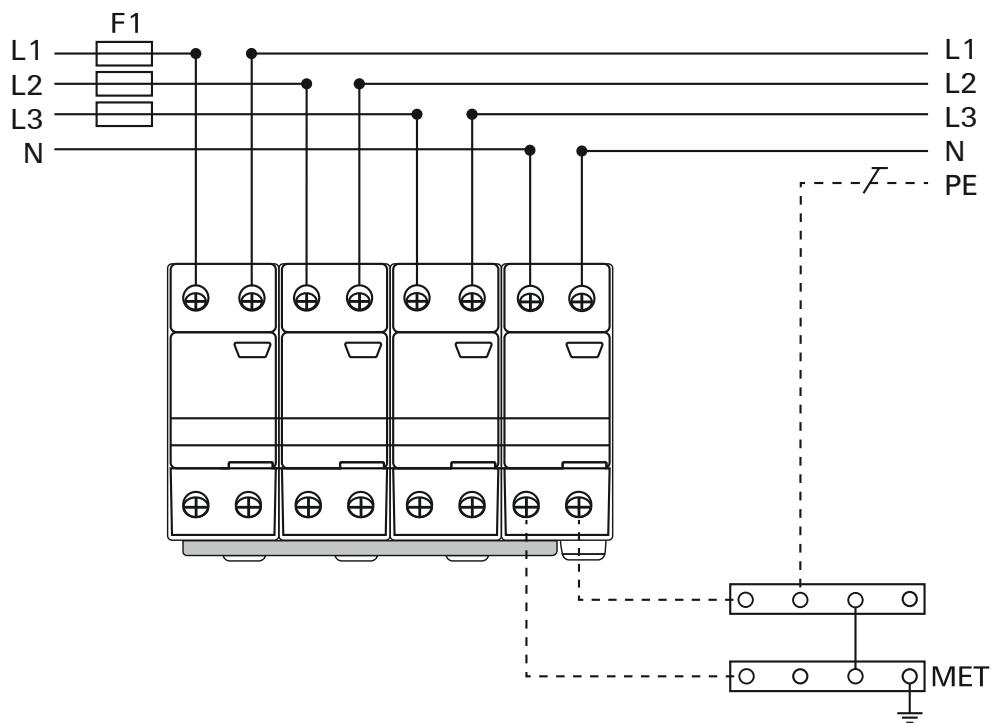


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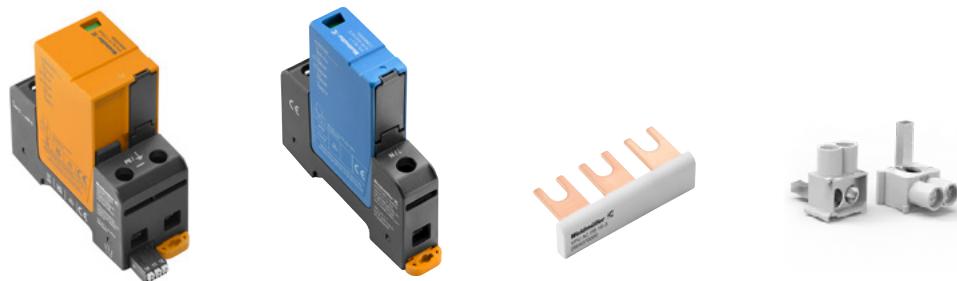
## 4+0 configuration with VPU AC I F 1+0 for TN-S systems wiring



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 I 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

