

VARITECTOR – Lightning and surge protection

VPU AC I F – Surge protection devices with integrated fuse

Surge protection devices for multipole applications

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 now 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. Preconfigured configurations save time and wiring.



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
- Preconfigured for multipole applications
- Convenient installation and maintenance due to pluggable modules
- Spacesaving design
- Leakage-current-free protection technology

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 TNC systems, without having to install an external fuse.



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 3+0 | I + II | 230 V / 400 V | Without remote contact | 3022890000 |
| VPU AC I F 3+0 R | I + II | 230 V / 400 V | With remote contact | 3022900000 |
| VPU AC I F 3+1 | I + II | 230 V / 400 V | Without remote contact | 3022910000 |
| VPU AC I F 3+1 R | 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 |



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