



Lightning current / surge arresters, pluggable, 600 VDC, 2-pole+PE, earthed

Part no. SPPVT12-06-2+PE-AX
Catalog No. 177257

Similar to illustration

Delivery program

| | | | |
|-------------------------------|-------|---|--|
| Product range | | | DC overvoltage protection |
| Products | | | Surge arresters |
| Application field | | | Residential buildings Utility buildings Open areas |
| Description | | | pluggable With auxiliary contact |
| Connection | | | For ungrounded systems |
| Maximum uninterrupted voltage | U_c | V | 600 |

Design verification as per IEC/EN 61439

| Technical data for design verification | | | |
|--|------------|----|------|
| Rated operational current for specified heat dissipation | I_n | A | 0 |
| Heat dissipation per pole, current-dependent | P_{vid} | W | 0 |
| Equipment heat dissipation, current-dependent | P_{vid} | W | 0 |
| Static heat dissipation, non-current-dependent | P_{vs} | W | 0.03 |
| Heat dissipation capacity | P_{diss} | W | 0 |
| Operating ambient temperature min. | | °C | -40 |
| Operating ambient temperature max. | | °C | 80 |
| | | | 0 |

Technical data ETIM 7.0

| Earthing, lightning and surge protection (EG000021) / Surge protection device for power supply systems (EC000941) | | | |
|---|--|-----------------|-------------------------------|
| Electric engineering, automation, process control engineering / Protection installation, device (electric) / Surge protection device (inner lightning protection) / Surge protection device for power supply systems (ec1@ss10.0.1-27-13-08-05 [ACN278011]) | | | |
| System configuration DC | | | No |
| System configuration IT | | | Yes |
| System configuration TN | | | No |
| System configuration TN-C | | | No |
| System configuration TN-C-S | | | No |
| System configuration TN-S | | | No |
| System configuration TT | | | No |
| System configuration other | | | No |
| Number of conductors (without earthing) | | | 2 |
| Nominal discharge surge current (8/20) | | kA | 15 |
| Nominal voltage AC | | V | 0 |
| Nominal voltage DC | | V | 600 |
| Short-circuit breaking capacity (Iscbr) | | kA | 0 |
| Max. continuous voltage AC | | V | 0 |
| Max. discharge surge current (8/20) | | kA | 40 |
| Max. continuous voltage DC | | V | 720 |
| Mounting method | | | DIN rail (top hat rail) 35 mm |
| Construction size | | | 3 modular spacing |
| Max. PV-voltage | | V | 720 |
| Voltage protection level | | kV | 2.7 |
| Max. conductor cross section solid (solid, stranded) | | mm ² | 35 |

| | | |
|---|-----------------|-------|
| Max. conductor cross section flexible (fine-strand) | mm ² | 25 |
| Voltage protection level L-N | kV | 0 |
| Voltage protection level N-PE | kV | 0 |
| With remote signalling contact | | Yes |
| Integrated backup fuse | | No |
| Signalling at the device | | Optic |
| Category type 2 | | Yes |
| Degree of protection (IP) | | IP20 |