

Combination arrester V50, 1-pole + NPE 280 V

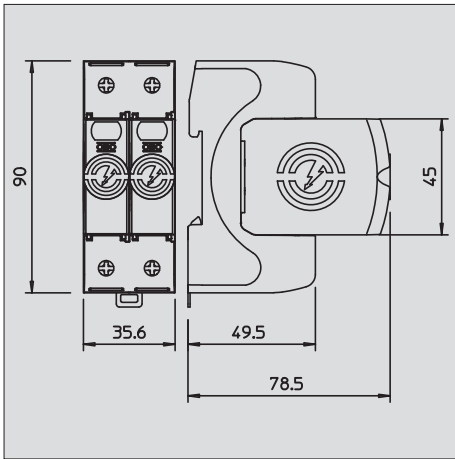


Lightning current combination arrester, type 2

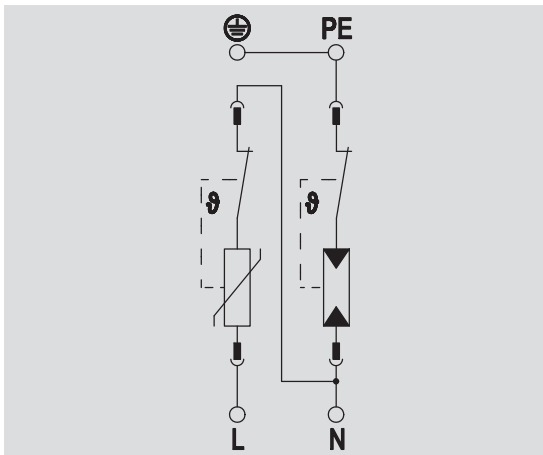
- For the equipotential bonding of lightning current to VDE 0185-305 (IEC 62305)
- Lightning current discharge capacity of 12.5 kA (10/350) per pin and up to 50 kA (10/350) in total
- Modular, plug-in arrester with dynamic cut-off unit and visual status display
- Locking mechanism with vibration protection and voltage keying
- Halogen-free plastic (UL 94 V-0)
- The FS variants have a potential-free changeover contact for remote signalling

Application: Lightning current equipotential bonding for buildings of class III and IV.

* Complete = cover and base



| Type | Maximum continuous voltage AC V | Pole version | Protection rating | Pack. pcs | Weight kg/100 pcs. | Item No. |
|---------------|---------------------------------|--------------|-------------------|-----------|--------------------|-----------|
| V50-1+NPE-280 | 280 | 1+N/PE | IP20 | 1 | 30,300 | 5093 52 2 |



| | | | |
|---|-------------|-----------------|------------------|
| Maximum continuous voltage AC | U_c | V | 280,00 |
| SPD to EN 61643-11 | | | Type 1+2 |
| SPD to IEC 61643-11 | | | class I+II |
| Lightning surge current (10/350 μ s) | I_{imp} | kA | 12,50 |
| Nominal discharge current (8/20 μ s) | $I_{n/L-N}$ | kA | 30,00 |
| Maximum discharge current (8/20 μ s) | I_{max} | kA | 50,00 |
| Protection level | U_p | kV | 1,30 |
| Network form | | | Other |
| Mounting type | | | Hat rail 35 mm |
| Pole version | | | 1+N/PE |
| Size | | | 2 TE |
| Max. mains-side overcurrent protection | | A | 160 A gL/gG |
| Protection rating | | | IP20 |
| Operating temperature range | T_u | $^{\circ}$ C | -40-+80 |
| Signalling on device | | | Visual |
| Max. cable cross-section flexible (fine-wire) | | mm ² | 35,00 |
| Max. cable cross-section rigid (single wire/multi-wire) | | mm ² | 35,00 |
| FM contacts | | | |
| Switching power AC | | | |
| Switching power DC | | | |
| Approvals | | | UL |
| Item No. | | | 5093 52 2 |