

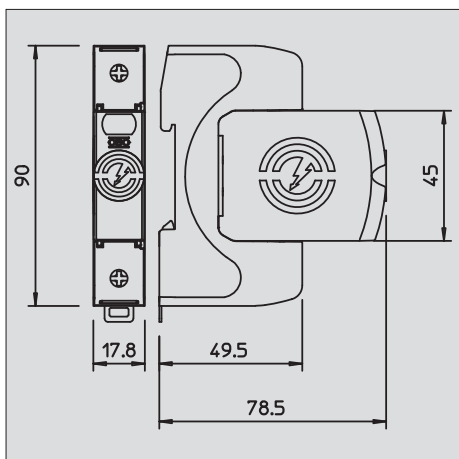
Surge arrester V20, 1-pin, 550 V



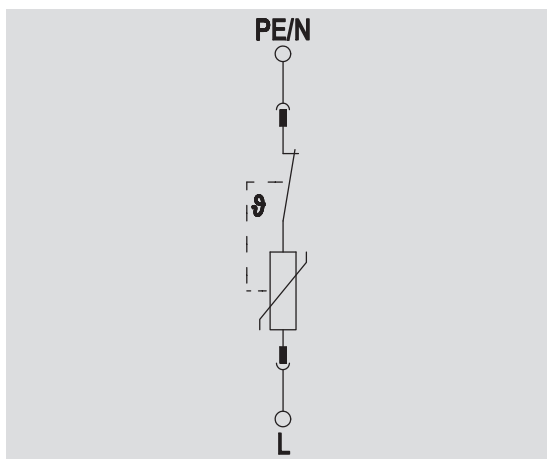
Surge arrester, type 2

- For surge voltage protection equipotential bonding to VDE 0100-443 (IEC 60364-4-44)
- Discharge capacity to 40 kA (8/20) per pin through high-performance varistors
- Modular connectable 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 variant have a potential-free changeover contact for remote signalling

Application: Equipotential bonding in main and sub-distributions.



| Type | Maximum continuous voltage AC V | Pole version | Protection rating | Pack. pcs | Weight kg/100 pcs. | Item No. |
|-----------|---------------------------------|--------------|-------------------|-----------|--------------------|-----------|
| V20-1-550 | 550 | 1 | IP20 | 1 | 14,300 | 5095 21 1 |



| | | | |
|---|-------------|-----------------|------------------|
| Maximum continuous voltage AC | U_c | V | 550,00 |
| SPD to EN 61643-11 | | | Type 2 |
| SPD to IEC 61643-11 | | | class II |
| Nominal discharge current (8/20 μ s) | $I_{n/L-N}$ | kA | 15,00 |
| Maximum discharge current (8/20 μ s) | I_{max} | kA | 40,00 |
| Protection level | U_p | kV | 2,40 |
| Network form | | | Other |
| Mounting type | | | Hat rail 35 mm |
| Pole version | | | 1 |
| Size | | | 1 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. | | | 5095 21 1 |