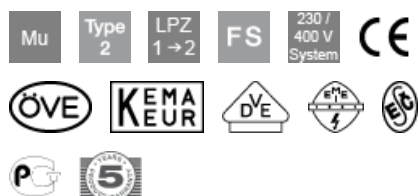


Technical data sheet

Surge arrester, 3-pole + NPE with remote signalling



V 20-C/...: Surge protection device Type 2 Class C) to VDE 0675 part 6-11 (DIN EN 61643-11).



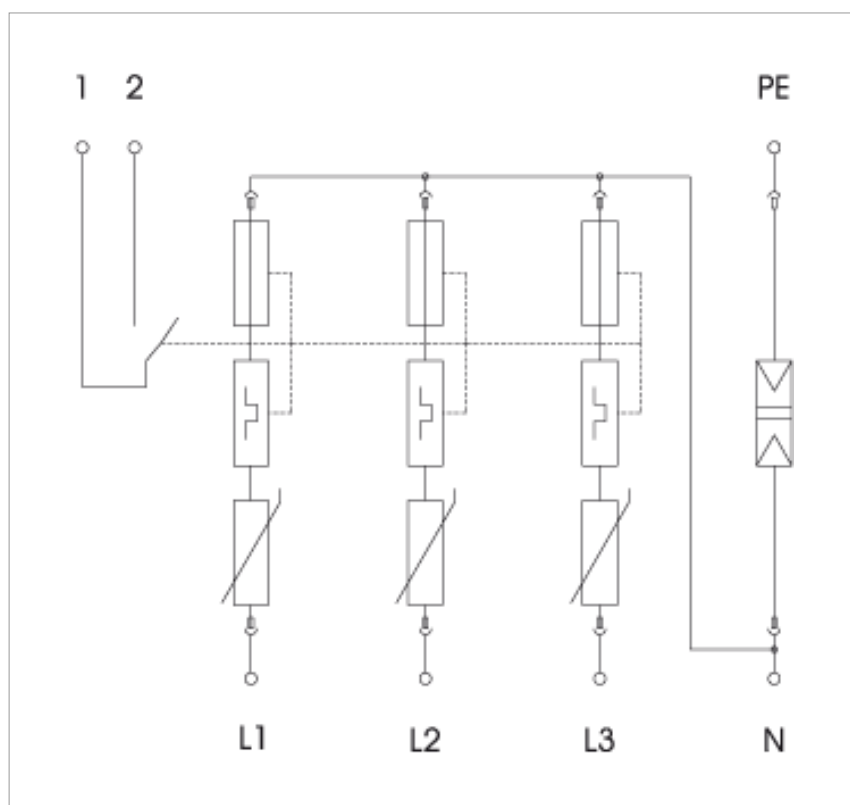
- With new MultiBase base part and Multi-connection clamps
- Complete unit consisting of upper part and base, pre-mounted and ready for connection
- VDE-tested
- Suitable for TN- and TT- network systems
- Plug-in upper part; upper part can be separated from base without tools
- With remote signalling, potential-free changeover contact, for function monitoring
- Including thermal and dynamic separating device
- With visual display of defects
- High current conductivity and long service life
- Marked connections

Application example: residential buildings, single-family homes

| Type | Maximum continuous voltage V | Version | Pack Units | Weight kg/100 pc. | Art.-No. |
|----------------|---------------------------------|---------|------------|----------------------|----------|
| V20-C 1+NPE+FS | 280 | 1 + NPE | 1 | 22.500 | 5094760 |
| V20-C 2+NPE+FS | 280 | 2 + NPE | 1 | 32.500 | 5094762 |
| V20-C 3+NPE+FS | 280 | 3 + NPE | 1 | 43.300 | 5094765 |

/pc.

Connection-/Circuit diagram



| | | | | | |
|--|-------------|-----------------|----------------|----------------|----------------|
| Article number | | | 5094760 | 5094762 | 5094765 |
| Nominal voltage | U_N | V | 230 | 230 | 230 |
| SPD to EN 61643-11 | | | Type 2 | Type 2 | Type 2 |
| SPD to IEC 61643-1 | | | class II | class II | class II |
| LPZ | | | 1→2 | 1→2 | 1→2 |
| Nominal discharge surge current (8/20) | I_n | kA | 20 | 20 | 20 |
| Arrester surge current (8/20) [total] | | kA | 40 | 60 | 80 |
| Maximum discharge current | I_{max} | kA | 40 | 40 | 40 |
| Voltage protection level | U_p | kV | < 1,3 | < 1,3 | < 1,3 |
| Response time | t_A | ns | < 25 | < 25 | < 25 |
| Maximum back-up fuse | | A | 125 | 125 | 125 |
| Temperature range | ϑ | °C | -40 | -40 | -40 |
| Division unit TE (17.5 mm) | | | 2 | 3 | 4 |
| Protection rating | | | IP 20 | IP 20 | IP 20 |
| Connection cross-section, rigid | | mm ² | 2.5 | 2.5 | 2.5 |
| Connection cross-section, multi-wire | | mm ² | 2.5 | 2.5 | 2.5 |
| Connection cross-section, flexible | | mm ² | 2.5 | 2.5 | 2.5 |