

Technical data sheet

Surge arrester, 3-pole with audible signalling 280 V

Item number: 5096383



Surge arrester, type 2

- Complete unit consisting of upper part and base, pre-mounted and ready for connection
- Suitable for TN network systems
- Plug-in upper part; upper part can be separated from base without tools
- Incl. thermal and dynamic cut-off unit
- With audible signalling for function monitoring, signal tone can be turned off for 24 h
- With visual display of defects
- High current conductivity and long service life
- Labelled connections

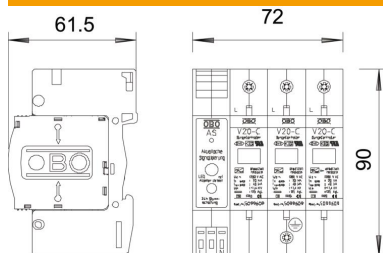
Application example: Residential buildings, single-family homes and industrial
* Complete = cover and base



Master data

| | |
|------------------------------------|--------------------------|
| Item number | 5096383 |
| Type | V20-C 3+AS-280 |
| Description 1 | SurgeController V20 |
| Description 2 | with acoustic signalling |
| Manufacturer | OBO |
| Dimension | 280V |
| Smallest sales unit | 1 |
| Unit of quantity | Piece |
| Weight | 44 kg |
| Weight unit | kg/100 pc. |
| CO2 Footprint (GWP) Cradle-to-Gate | 1,6673 kg CO2e / 1 Piece |

Dimensions



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|--|-----------------------|
| Arrester surge current (8/20 µs) [total] | 60 kA |
| Response time | <25 ns |
| Blow-out | no |
| Version for | 3-pole with AS; 280 V |
| Pole version | 3 |
| Structural width in division units (division unit, 17.5 mm) | 4 |
| Operating temperature, max. | 80 °C |
| Operating temperature, min. | -40 °C |
| Remote signalling | no |
| Maximum continuous voltage AC | 280 V |
| Integrated back-up fuse | no |
| Conductor cross-section, rigid (single-wire/multiwire), max. | 35 mm ² |
| Conductor cross-section, rigid (single-wire/multiwire), min. | 2.5 mm ² |
| Lightning protection zone LPZ | 1→2 |
| Max. mains-side overcurrent protection | 125 |
| Maximum back-up fuse | 125 A |
| Maximum discharge current (8/20 µs) | 40 kA |
| Installation type | DIN rail 35 mm |
| Nominal discharge current (8/20 µs) | 20 kA |
| Nominal discharge current (8/20 µs) [L-N] | 20 kA |
| Nominal voltage AC (50/60 Hz) | 230 V |
| Network form | TN |
| TN network form | yes |
| TN-C network form | yes |
| Test class, type 2 | yes |
| Protection rating | IP20 |
| Protection level | ≤1,3 kV |
| Signalling on device | Optical and acoustic |
| SPD to EN 61643-11 | Type 2 |
| SPD to IEC 61643-1 | Class II |
| Permitted temperature range, max. | 80 °C |
| Permitted temperature range, min. | -40 °C |