

Technical data sheet

Plug-in arrester V20 385 V

Item number: 5095368



Surge arrester, type 2

- For surge protection equipotential bonding to VDE 0100-443 (IEC 60364-4-44)
- Discharge capacity to 40 kA (8/20) per pole through high-performance varistors
- Modular, plug-in arrester with dynamic cut-off unit and visual status display
- Locking mechanism with vibration protection and voltage keying
- Plastic (UL 94 V-0)



Master data

| | |
|------------------------------------|--------------------------|
| Item number | 5095368 |
| Type | V20-0-385 |
| Description 1 | SurgeController V20 |
| Description 2 | plug-in arrester |
| Manufacturer | OBO |
| Dimension | 385V |
| Smallest sales unit | 1 |
| Unit of quantity | Piece |
| Weight | 5.36 kg |
| Weight unit | kg/100 pc. |
| CO2 Footprint (GWP) Cradle-to-Gate | 0,2288 kg CO2e / 1 Piece |

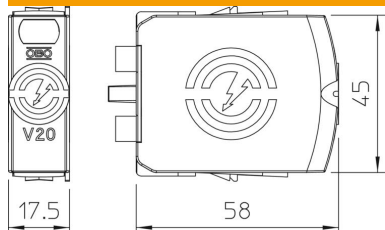
Technical data sheet

Plug-in arrester V20 385 V

Item number: 5095368



Dimensions



Technical data



| | |
|--|------------------|
| Response time [L-N] | 25 ns |
| Response time [N-PE] | 100 ns |
| Blow-out | no |
| Pole version | 1 |
| Structural width in division units (division unit, 17.5 mm) | 1 |
| Operating temperature, max. | 80 °C |
| Operating temperature, min. | -40 °C |
| Installation location | Interior |
| Remote signalling | no |
| Function/defect display | Visual |
| Housing material surge protection components | PA UL 94 V-0 |
| Maximum continuous voltage (L- N) | 385 V |
| Maximum continuous voltage AC | 385 V |
| Integrated back-up fuse | no |
| Short-circuit resistant | yes |
| Short-circuit resistance for max. mains-side overcurrent protection | 50 kA eff |
| Humidity, min. | 5 % |
| Humidity, max. | 95 % |
| Maximum discharge current (8/20 µs) | 40 kA |
| Maximum discharge current (8/20 µs) [L-N] | 40 kA |
| Minimum distance | 1.5 mm |
| Installation type | On basic element |
| 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 | Other |
| Pole number | 1 |
| Ports | One-Port SPD |
| Test class, type 2 | yes |
| Residual voltage [L-N] @ 1 kA | 1.2 kV |
| Residual voltage [L-N] @ 5 kA | 1.4 kV |
| Residual voltage [L-N] @ 7 kA | 1.5 kV |
| Protection rating | IP20 |
| Protective conductor current | < 500 µA |
| Protection level | ≤1,7 kV |

Technical data sheet

Plug-in arrester V20 385 V

Item number: 5095368



Technical data



| | |
|-----------------------------------|-----------------|
| Protection level [L-N] | ≤1,7 |
| Signalling on device | Visual |
| SPD to EN 61643-11 | Type 2 |
| SPD to IEC 61643-1 | Class II |
| SPD to UL 1449 | Type 4 |
| Permitted temperature range, max. | 80 °C |
| Permitted temperature range, min. | -40 °C |
| Approvals | VDE KEMA UL ÖVE |