

Technical data sheet

Combination arrester V25, 3-pole 280 V

Item number: 5094423



Combination arrester, lightning and surge arrester type 1+2

- Complete unit consisting of upper part and base, pre-mounted and ready for connection
- For TN systems
- Plug-in arrester with dynamic cut-off unit
- With visual function display
- Protection level decoded:705:Value:RAM1; kV
- Encapsulated, non-extinguishing zinc oxide varistor arrester for use in standard distributor housings
- Labelled connections

Application example: Buildings with open-wire power supply or for setting up lightning protection equipotential bonding in residential buildings.

* Complete = Plug-in arrester and base



Master data

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|---------------------|---------------------|
| Item number | 5094423 |
| Type | V25-B+C 3-280 |
| Description 1 | CombiController V25 |
| Description 2 | 3-pole version |
| Manufacturer | OBO |
| Dimension | 280V |
| Smallest sales unit | 1 |
| Unit of quantity | Piece |
| Weight | 42.5 kg |
| Weight unit | kg/100 pc. |

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|--|---------------------|
| Arrester surge current (8/20 µs) [total] | 90 kA |
| Response time | <25 ns |
| Blow-out | no |
| Version for | 3-pole |
| Pole version | 3 |
| Structural width in division units (division unit, 17.5 mm) | 3 |
| Operating temperature, max. | 80 °C |
| Operating temperature, min. | -40 °C |
| Lightning surge current (10/350 µs) | 7 kA |
| Lightning surge current (10/350 µs) [N/PE] | 25 kA |
| Lightning surge current (10/350) | 21 kA |
| Remote signalling | no |
| Maximum continuous voltage AC | 280 |
| Maximum continuous voltage DC | 200 |
| 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 | 0→2 |
| Max. mains-side overcurrent protection | 160 |
| Maximum back-up fuse | 160 A |
| Maximum discharge current (8/20 µs) | 50 kA |
| Nominal discharge current (8/20 µs) | 30 kA |
| Nominal discharge current (8/20 µs) [L-N] | 30 kA |
| Nominal discharge current (8/20 µs) [N-PE] | 30 kA |
| Nominal voltage AC (50/60 Hz) | 230 V |
| Network form | Other |
| TN network form | yes |
| TN-C network form | yes |
| Pole number | 3 |
| Test class, type 2 | yes |
| Protection rating | IP20 |
| Protection level | ≤0,9 |
| Signalling on device | Visual |
| SPD to EN 61643-11 | Type 1+2 |
| SPD to IEC 61643-1 | Class I+II |