

# Technical data sheet

## Plug-in arrester V10 280 V



Item number: 5093402



Surge arrester, type 2+3 to EN 61643-11

- Plug-in upper part; upper part can be separated from base without tools
- Incl. thermal and dynamic cut-off unit and visual display of defects
- High current conductivity and long service life



| Master data         |                     |  |
|---------------------|---------------------|--|
| Item number         | 5093402             |  |
| Description 1       | SurgeController V10 |  |
| Description 2       | plug-in arrester    |  |
| Manufacturer        | OBO                 |  |
| Dimension           | 280V                |  |
| Smallest sales unit | 1                   |  |
| Unit of quantity    | Piece               |  |
| Weight              | 3.36 kg             |  |
| Weight unit         | kg/100 pc.          |  |

| Dimensions |  |  |
|------------|--|--|
|            |  |  |

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|                                                              |                     |
|--------------------------------------------------------------|---------------------|
| Arrester surge current (8/20 µs) [total]                     | 10 kA               |
| Response time                                                | <25 ns              |
| Blow-out                                                     | no                  |
| Version for                                                  | 1-pole              |
| Pole version                                                 | 1                   |
| Structural width in division units (division unit, 17.5 mm)  | 1                   |
| Operating temperature, max.                                  | 80 °C               |
| Operating temperature, min.                                  | -40 °C              |
| Remote signalling                                            | no                  |
| Maximum continuous voltage AC                                | 280 V               |
| Conductor cross-section, rigid (single-wire/multiwire), max. | 35 mm <sup>2</sup>  |
| Conductor cross-section, rigid (single-wire/multiwire), min. | 2.5 mm <sup>2</sup> |
| Lightning protection zone LPZ                                | 1→3                 |
| Max. mains-side overcurrent protection                       | 125                 |
| Maximum back-up fuse                                         | 125 A               |
| Maximum discharge current (8/20 µs)                          | 20 kA               |
| Installation type                                            | On basic element    |
| Nominal discharge current (8/20 µs)                          | 10 kA               |
| Nominal voltage AC (50/60 Hz)                                | 230 V               |
| Network form                                                 | Other               |
| Test class, type 2                                           | yes                 |
| Protection rating                                            | IP20                |
| Protection level                                             | ≤1,1                |
| Signalling on device                                         | Visual              |
| SPD to EN 61643-11                                           | Type 2+3            |
| SPD to IEC 61643-1                                           | Class II+III        |