

# Technical data sheet

## SurgeController V20, plug-in arrester 280 V



Item no. 5099609

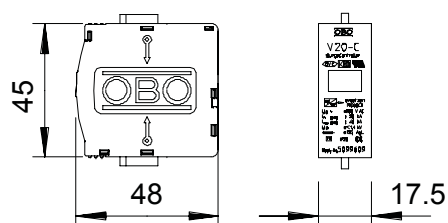


Surge arrester, type 2

- Plug-in arrester, can be separated from base without tools
- Including thermal and dynamic separating device and visual status display
- High current conductivity and long service life



### Dimensions



### Master data

|                          |                     |
|--------------------------|---------------------|
| Item no.                 | 5099609             |
| Type                     | V20-C 0-280         |
| Description 1            | SurgeController V20 |
| Description 2            | plug-in arrester    |
| Dimension                | 280V                |
| Smallest sales unit (VG) | 1,00 Piece          |
| Weight                   | 8,50 kg/100 pc.     |

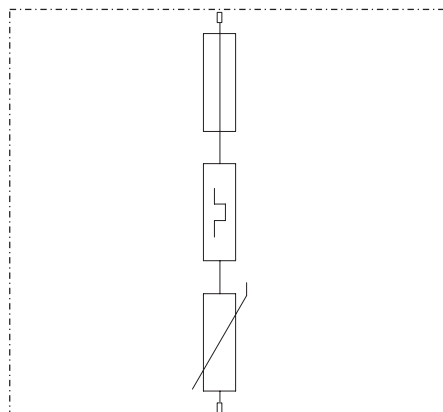
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### Technical data



|   |                                     |
|---|-------------------------------------|
| SPD to EN 61643-11                                      | Type 2                              |
| SPD to IEC 61643-11                                     | Class II                            |
| Test class, type 2                                      | <input checked="" type="checkbox"/> |
| Nominal voltage   | 230,00 V                            |
| Maximum continuous voltage AC                           | 280,00 V                            |
| Max. continuous operating voltage                       | 280,00 V                            |
| U max DC  | 350,00 V                            |
| Nominal discharge current (8/20)                        | 20 kA                               |
| Nominal discharge current (8/20 µs) [L-N]               | 20,00 kA                            |
| Maximum discharge current (8/20 µs)                     | 40,00 kA                            |
| Arrestor surge current (8/20) [total]                   | 20,00 kA                            |
| Protection level  | < 1,3 kV                            |
| Response time   | < 25 ns                             |
| Maximum back-up fuse                                    | 125,00 A                            |
| Temperature range                                       | -40+80 °C                           |
| Pole version  | 1                                   |
| Version   | 1-pin cover; 280 V                  |
| Version   | 1-pole                              |
| Mounting type   | On basic element                    |
| Installation type                                       | On basic element                    |
| Protection rating                                       | IP20                                |
| Protection rating                                       | IP 20                               |
| Blow-out  | <input type="checkbox"/>            |
| Size  | 1 part unit                         |
| Division unit TE (17.5 mm)                              | 1                                   |
| Telecommunications contact                              | <input type="checkbox"/>            |
| Integrated back-up fuse                                 | <input type="checkbox"/>            |
| Max. cable cross-section flexible (fine-wire)           | 25,00 mm <sup>2</sup>               |
| Max. cable cross-section rigid (single wire/multi-wire) | 35,00 mm <sup>2</sup>               |
| Connection cross-section, flexible                      | 2,50 - 25,00 mm <sup>2</sup>        |
| Connection cross-section, rigid                         | 2,50 - 35,00 mm <sup>2</sup>        |
| Connection cross-section, multi-wire                    | 2,50 - 35,00 mm <sup>2</sup>        |
| Signalling on device                                    | Visual                              |