

Technical data sheet

SurgeController V20, plug-in arrester 75 V

Item number: 5099579



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



| Master data                        |                         |  |
|------------------------------------|-------------------------|--|
| Item number                        | 5099579                 |  |
| Type                               | V20-C 0-75              |  |
| Description 1                      | SurgeController V20     |  |
| Description 2                      | plug-in arrester        |  |
| Manufacturer                       | OBO                     |  |
| Dimension                          | 75V                     |  |
| Smallest sales unit                | 1                       |  |
| Unit of quantity                   | Piece                   |  |
| Weight                             | 5.16 kg                 |  |
| Weight unit                        | kg/100 pc.              |  |
| CO2 Footprint (GWP) Cradle-to-Gate | 0,1267 kg COe / 1 Piece |  |

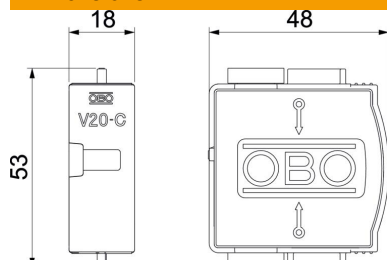
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### Dimensions



### Technical data

|  |                                                              |                     |
|--|--------------------------------------------------------------|---------------------|
|  | Arrester surge current (8/20 µs) [total]                     | 20 kA               |
|  | Response time                                                | <25 ns              |
|  | Blow-out                                                     | no                  |
|  | Version for                                                  | 1-pin cover; 75 V   |
|  | 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                                | 75 V                |
|  | Maximum continuous voltage DC                                | 100 V               |
|  | Integrated back-up fuse                                      | no                  |
|  | 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→2                 |
|  | Max. mains-side overcurrent protection                       | 125                 |
|  | Maximum back-up fuse                                         | 125 A               |
|  | Maximum discharge current (8/20 µs)                          | 40 kA               |
|  | Installation type                                            | On basic element    |
|  | Nominal discharge current (8/20 µs)                          | 15 kA               |
|  | Nominal discharge current (8/20 µs) [L-N]                    | 20 kA               |
|  | Nominal voltage AC (50/60 Hz)                                | 60 V                |
|  | Network form                                                 | TN                  |
|  | Test class, type 2                                           | yes                 |
|  | Protection rating                                            | IP20                |
|  | Protection level                                             | ≤0,5                |
|  | Signalling on device                                         | Visual              |
|  | 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              |