

# Technical data sheet

## Surge arrester, 2-pole 280 V

Item no. 5094621



Surge arrester, type 2

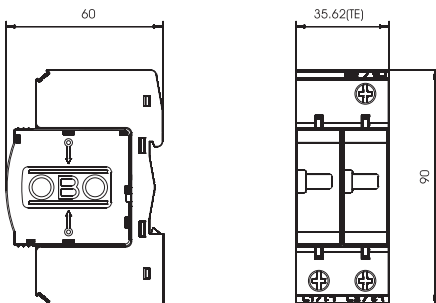
- For surge protection equipotential bonding to VDE 0100-443 (IEC 60364-4-44)
- Arresting capacity to 40 kA (8/20) per pole
- Plug-in arrester with dynamic cut-off unit and visual function display
- High-performance varistor technology

Application: Equipotential bonding (LPZ 1 to 2) in main and sub-distributors.

\* Complete = cover and base



### Dimensions



### Master data

|                          |                     |
|--------------------------|---------------------|
| Item no.                 | 5094621             |
| Type                     | V20-C 2-280         |
| Description 1            | SurgeController V20 |
| Description 2            | two-pole design     |
| Dimension                | 280V                |
| Smallest sales unit (VG) | 1 Piece             |
| Weight                   | 22,70 kg/100 pc.    |

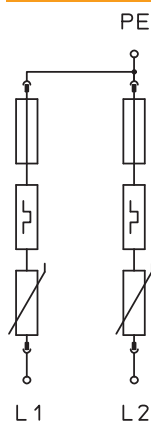
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### Technical data



|   |                                     |
|---|-------------------------------------|
| 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                            |
| Nominal discharge current (8/20)                        | 20 kA                               |
| Maximum discharge current (8/20 $\mu$ s)                | 40,00 kA                            |
| Arrester surge current (8/20) [total]                   | 40,00 kA                            |
| Protection level  | < 1,3 kV                            |
| Response time   | < 25 ns                             |
| Maximum back-up fuse                                    | 125,00 A                            |
| Temperature range                                       | -40+80 °C                           |
| Pole version  | 2                                   |
| Version   | 2-pole                              |
| Version   | 2-pole                              |
| Mounting type   | Hat rail 35 mm                      |
| Installation type                                       | DIN rail 35 mm                      |
| Protection rating                                       | IP20                                |
| Protection rating                                       | IP 20                               |
| Blow-out  | <input type="checkbox"/>            |
| Size  | 2 part units                        |
| Division unit TE (17.5 mm)                              | 2                                   |
| Remote signalling                                       | <input type="checkbox"/>            |
| 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                              |