

# Technical data sheet

Surge arrester, 1-pole + NPE with remote signalling  
280 V  
Item no. 5094760



Surge arrester, type 2

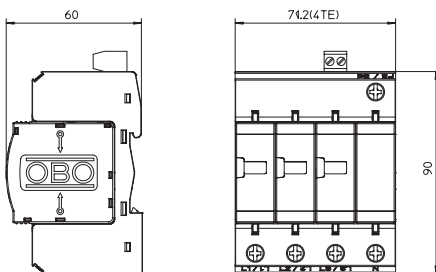
- Complete unit consisting of upper part and base, pre-mounted and ready for connection
- Suitable for TN and TT network systems
- Plug-in cover; cover can be separated from base without tools
- With remote signalling and potential-free NO contact for function monitoring
- Incl. thermal and dynamic cut-off unit
- With visual display of defects
- High current conductivity and long service life
- Labelled connections

Application example: Residential buildings, single-family homes and industrial

\* Complete = cover and base



## Dimensions



## Master data

|                          |                            |
|--------------------------|----------------------------|
| Item no.                 | 5094760                    |
| Type                     | V20-C 1+NPE+FS             |
| Description 1            | SurgeController V20        |
| Description 2            | 1+1 with remote signalling |
| Dimension                | 280V                       |
| Smallest sales unit (VG) | 1 Piece                    |
| Weight                   | 22,50 kg/100 pc.           |

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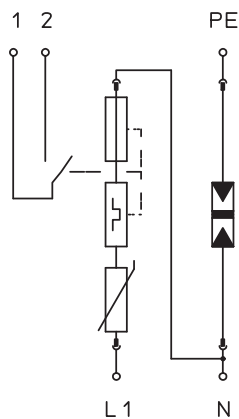
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## Technical data



|   |                                     |
|---|-------------------------------------|
| 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 μs)                     | 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  | 1+N/PE                              |
| Version   | 1+NPE + FS                          |
| Version   | 1 + NPE                             |
| 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 checked="" type="checkbox"/> |
| Telecommunications contact                              | <input checked="" 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                              |