



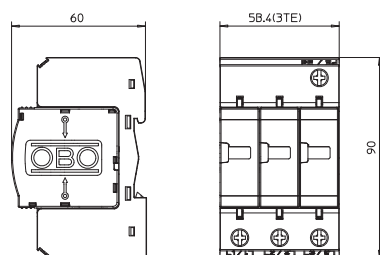
## Lightning current and surge arrester, 3-pole



V 50-B+C/...: Combination arrester set, lightning and surge arrester Type 1+2 to DIN EN 61643-11 (B+C to VDE 0675 Part 6).

- For lightning protection equipotential bonding to VDE 0185-305 (IEC 62305)
- Lightning current arresting capacity 12.5 kA (10/350) per pole
- Universally suitable for TN-C systems
- With new Multibase base with multi-connection terminals
- Complete unit, consisting of cover and base, pre-mounted and ready for connection
- arrester, connectable with dynamic cut-off unit
- With visual function display
- Voltage protection level < 1,3 kV
- Encapsulated, non-extinguishing zinc oxide varistor arrester for use in distributor housings
- Labelled connections

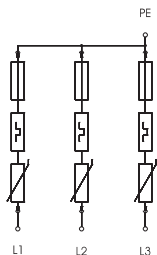
### Dimensions



Application: Equipotential bonding in buildings, even those with external lightning protection of Class III and IV, and in standard distributor housings.

| Type          | Highest Version | Pack. | Weight      | Item No. |
|---------------|-----------------|-------|-------------|----------|
|               | contin-         | pcs   | kg/100 pcs. |          |
|               | uous            |       |             |          |
|               | voltage         |       |             |          |
|               | V               |       |             |          |
| V50-B+C 3-280 | 280   3-pole    | 1     | 42,300      | 5093627  |

### Connection options



#### V50-B+C 3-280

|  |                  |            |
|--|------------------|------------|
| Nominal voltage V                                    | $U_N$            | 230        |
| SPD to EN 61643-11                                   |                  | Type 1+2   |
| SPD to IEC 61643-11                                  |                  | Class I+II |
| Lightning protection zone LPZ                        |                  | 0→2        |
| Impulse discharge current (10/350) kA                | $I_{imp}$        | 12,5       |
| Total discharge current (10/350) kA                  | $I_{total}$      | 37,5       |
| Nominal discharge current (8/20) kA                  | $I_n$            | 30         |
| Arrester surge current (8/20) [total] kA             | $I_{total 8/20}$ | 90         |
| Maximum discharge current (8/20 $\mu$ s) kA          | $I_{max}$        | 50         |
|  |                  | —          |
| Voltage protection level kV                          | $U_p$            | < 1,3      |
| Response time ns                                     | $t_A$            | <25        |
| Maximum back-up fuse A                               |                  | 125        |
| Temperature range °C                                 | $\vartheta$      | -40-80     |
| Division unit TE (17.5 mm)                           |                  | 3          |
| Protection rating                                    |                  | IP20       |
| Connection cross-section rigid mm <sup>2</sup>       |                  | 2,5-35     |
| Connection cross-section, multi-wire mm <sup>2</sup> |                  | 2,5-35     |
| Connection cross-section, flexible mm <sup>2</sup>   |                  | 2,5-25     |