

## Surge arrester V10 Compact 385 V

**Item number: 5093384**



Surge protective device, compact module, type 2+3

- Surge protection in sub-distributors to VDE 0100-443 (IEC 60364-4-44)
- Arresting capacity up to 60 kA (8/20) in total
- Integrated 3+1 solution for TN and TT network systems on 45 mm module width
- High-performance varistor technology
- Incl. thermal and dynamic cut-off unit and visual function display

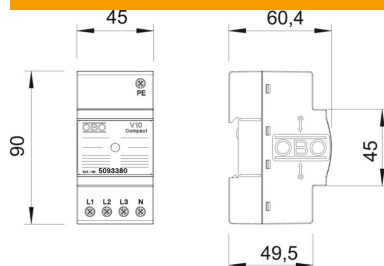
Application: Sub/storey distribution as well as device protection in rotational current systems.



## Master data

|                     |                 |
|---------------------|-----------------|
| Item number         | 5093384         |
| Type                | V10 COMPACT 385 |
| Description 1       | V10 Compact     |
| Manufacturer        | OBO             |
| Dimension           | 385V            |
| Smallest sales unit | 1               |
| Unit of quantity    | Piece           |
| Weight              | 16.8 kg         |
| Weight unit         | kg/100 pc.      |

## Dimensions



# Technical data sheet

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### Technical data

|  |                                                              |                     |
|--|--------------------------------------------------------------|---------------------|
|  | Arrester surge current (8/20 µs) [total]                     | 60 kA               |
|  | Response time                                                | <25 ns              |
|  | Blow-out                                                     | no                  |
|  | Version for                                                  | 3+NPE               |
|  | Pole version                                                 | 3+N/PE              |
|  | Structural width in division units (division unit, 17.5 mm)  | Miscellaneous       |
|  | Operating temperature, max.                                  | 80 °C               |
|  | Operating temperature, min.                                  | -40 °C              |
|  | Remote signalling                                            | no                  |
|  | Follow current quenching capacity (eff) [N-PE]               | 0.1 kA              |
|  | Follow current quenching capacity left                       | 10                  |
|  | Maximum continuous voltage AC                                | 385 V               |
|  | Integrated back-up fuse                                      | no                  |
|  | Conductor cross-section, flexible (fine-wire), min.          | 10 mm <sup>2</sup>  |
|  | Conductor cross-section, rigid (single-wire/multiwire), max. | 10 mm <sup>2</sup>  |
|  | Conductor cross-section, rigid (single-wire/multiwire), min. | 2.5 mm <sup>2</sup> |
|  | Lightning protection zone LPZ                                | 1→3                 |
|  | Max. mains-side overcurrent protection                       | 63                  |
|  | Maximum back-up fuse                                         | 63 A                |
|  | Maximum discharge current (8/20 µs)                          | 20 kA               |
|  | Installation type                                            | DIN rail 35 mm      |
|  | Nominal discharge current (8/20 µs)                          | 10 kA               |
|  | Nominal voltage AC (50/60 Hz)                                | 230 V               |
|  | Network form                                                 | Other               |
|  | TN network form                                              | yes                 |
|  | TN-C-S network form                                          | yes                 |
|  | TN-S network form                                            | yes                 |
|  | TT network form                                              | yes                 |
|  | Test class, type 2                                           | yes                 |
|  | Test class, type 3                                           | yes                 |
|  | Protection rating                                            | IP20                |
|  | Protection level                                             | ≤1,5                |
|  | Signalling on device                                         | Visual              |
|  | SPD to EN 61643-11                                           | Type 2+3            |
|  | SPD to IEC 61643-1                                           | Class II+III        |
|  | Cable type for surge protection devices                      | Power cable AV      |