

# Technical data sheet

## Plug-in arrester, total spark gap between N and PE 255 V

Item number: 5095599



Plug-in total discharge gap for use between neutral lines (N) and protector (PE)  
Suitable for use in combination with:

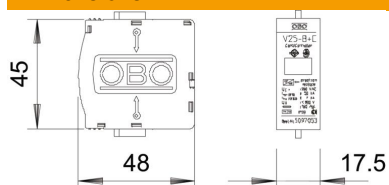
- CombiController, type V 25-B+C
- SurgeController, type V 20-C
- SurgeController, type V 10-C
- \* Complete = Plug-in arrester and base



### Master data

|                                    |                          |
|------------------------------------|--------------------------|
| Item number                        | 5095599                  |
| Type                               | C25BCONPE                |
| Description 1                      | Discharge gap C25        |
| Description 2                      | for N to PE              |
| Manufacturer                       | OBO                      |
| Dimension                          | 255V                     |
| Smallest sales unit                | 30                       |
| Unit of quantity                   | Piece                    |
| Weight                             | 5.195 kg                 |
| Weight unit                        | kg/100 pc.               |
| CO2 Footprint (GWP) Cradle-to-Gate | 0,3356 kg CO2e / 1 Piece |

### Dimensions



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|                                                |            |
|------------------------------------------------|------------|
| Arrester surge current (8/20 µs) [total]       | 30 kA      |
| Response time                                  | <100 ns    |
| Blow-out                                       | no         |
| Pole version                                   | 1          |
| Operating temperature, max.                    | 80 °C      |
| Operating temperature, min.                    | -40 °C     |
| Lightning surge current (10/350 µs)            | 25 kA      |
| Lightning surge current (10/350 µs) [N/PE]     | 25 kA      |
| Follow current quenching capacity (eff) [N-PE] | 0.1 kA     |
| Maximum continuous voltage AC                  | 255 V      |
| Lightning protection zone LPZ                  | 0→2        |
| Max. mains-side overcurrent protection         | 160        |
| Maximum back-up fuse                           | 160 A      |
| Maximum discharge current (8/20 µs)            | 50 kA      |
| Nominal discharge current (8/20 µs)            | 30 kA      |
| Nominal discharge current (8/20 µs) [N-PE]     | 30 kA      |
| Nominal voltage AC (50/60 Hz)                  | 230 V      |
| Protection rating                              | IP20       |
| Protection level                               | ≤1,2       |
| Signalling on device                           | Visual     |
| SPD to EN 61643-11                             | Type 1+2   |
| SPD to IEC 61643-1                             | Class I+II |
| Permitted temperature range, max.              | 80 °C      |
| Permitted temperature range, min.              | -40 °C     |