

# Technical data sheet

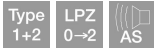
Combination arrester V25 3-pole 280 V with acoustic signalling  
Item number: 5097185



Combination arrester consisting of lightning current and surge arrester type 1+2

- Complete unit consisting of upper part and base, pre-mounted and ready for connection
- Suitable for TN network systems
- With audible signalling for function monitoring, signal tone can be turned off with 24 h repeat
- Plug-in arrester with dynamic cut-off unit
- Visual function display
- Voltage protection level < 900 V
- Encapsulated, non-extinguishing zinc oxide varistor arrester for use in standard distributor housings
- Labelled connections

Application example: Buildings with open-wire power supply.  
\*Complete = cover and base  
With audible alarm system



| Master data                        |                          |  |
|------------------------------------|--------------------------|--|
| Item number                        | 5097185                  |  |
| Type                               | V25-B+C 3+AS             |  |
| Description 1                      | CombiController V25      |  |
| Description 2                      | with acoustic signalling |  |
| Manufacturer                       | OBO                      |  |
| Dimension                          | 280V                     |  |
| Smallest sales unit                | 1                        |  |
| Unit of quantity                   | Piece                    |  |
| Weight                             | 50.5 kg                  |  |
| Weight unit                        | kg/100 pc.               |  |
| CO2 Footprint (GWP) Cradle-to-Gate | 1,6351 kg CO2e / 1 Piece |  |

| Dimensions |  |  |
|------------|--|--|
|            |  |  |

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### Technical data

|                                                              |                      |
|--------------------------------------------------------------|----------------------|
| Arrester surge current (8/20 µs) [total]                     | 90 kA                |
| Response time                                                | <25 ns               |
| Blow-out                                                     | no                   |
| Version for                                                  | 3-pole with AS       |
| Pole version                                                 | 3                    |
| Structural width in division units (division unit, 17.5 mm)  | 4                    |
| Operating temperature, max.                                  | 80 °C                |
| Operating temperature, min.                                  | -40 °C               |
| Lightning surge current (10/350 µs)                          | 7 kA                 |
| Lightning surge current (10/350)                             | 21 kA                |
| Remote signalling                                            | no                   |
| Maximum continuous voltage AC                                | 280 V                |
| Conductor cross-section, rigid (single-wire/multiwire), max. | 35 mm²               |
| Conductor cross-section, rigid (single-wire/multiwire), min. | 2.5 mm²              |
| 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 voltage AC (50/60 Hz)                                | 230 V                |
| Network form                                                 | Other                |
| TN network form                                              | yes                  |
| TN-C network form                                            | yes                  |
| Pole number                                                  | 3                    |
| ROHS-conformant                                              | yes                  |
| Protection rating                                            | IP20                 |
| Protection level                                             | ≤0,9 kV              |
| Signalling on device                                         | Optical and acoustic |
| SPD to EN 61643-11                                           | Type 1+2             |
| SPD to IEC 61643-11                                          | Class I+II           |
| Permitted temperature range, max.                            | 80 °C                |
| Permitted temperature range, min.                            | -40 °C               |