

## PV combination arrester V25, 900 V DC with remote signalling



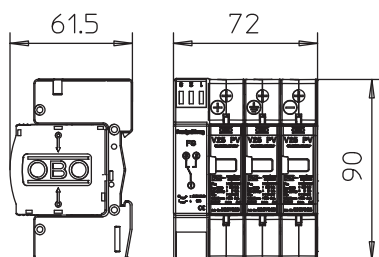
V25 combination arrester, type 1+2, for photovoltaic systems

- Complete unit, consisting of plug-in varistor arrester with cut-off unit
- Error-resistant Y circuit to VDE 0100-712 (EN 50539-12)
- Surge protection equipotential bonding to VDE 0100-443 (IEC 60364-4-44)
- Arresting capacity up to 7 kA (10/350) and 50 kA (8/20) per pole
- Low DC protection level: < 3.0 kV and Voc max = 900 V DC
- With visual function display for use in distributor housings

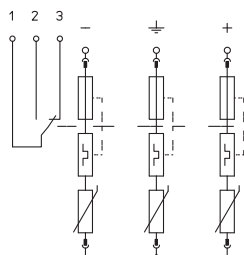
Application: PV systems with lightning protection system

| Type             | U max DC V | Version                       | Pack. pcs | Weight kg/100 pcs. | Item No. |
|------------------|------------|-------------------------------|-----------|--------------------|----------|
| V25-B+C 3PHFS900 | 900        | 3-pole for PV systems with FS | 1         | 53,500             | 5097448  |

### Dimensions



### Connection options



### V25-B+C 3PHFS900

|  |                   |          |
|--|-------------------|----------|
| U max DC V   | U <sub>c</sub> DC | 900      |
| SPD to EN 61643-11                                   |                   | Type 1+2 |
| Lightning protection zone LPZ                        |                   | 0-2      |
| Impulse discharge current (10/350) kA                | I <sub>imp</sub>  | 7        |
| Nominal discharge current (8/20) kA                  | I <sub>n</sub>    | 30       |
| Maximum discharge current (8/20 μs) kA               | I <sub>max</sub>  | 50       |
| Voltage protection level kV                          | U <sub>p</sub>    | < 3,0    |
| Response time ns                                     | t <sub>A</sub>    | < 25     |
| Temperature range °C                                 | θ                 | -40-80   |
| Protection rating                                    |                   | IP 20    |
| Division unit TE (17.5 mm)                           |                   | 4        |
| 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   |