

# Technical data sheet

## PV CombiController V25, plug-in arrester, type 1+2

Item no. 5097065



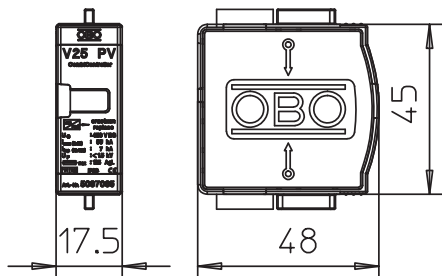
CombiController upper part - type 1+2, combination arrester for photovoltaic systems

- For surge protection equipotential bonding to VDE 0100-443 (IEC 60364-4-44)
- Arresting capacity to 7 kA (10/350) and 50 kA (8/20) per pole
- Low DC voltage protection level: < 1.5 kV per pole (Y circuit: 3.0 kV and Voc max = 900 V DC)
- Plug-in arrester with thermodynamic cut-off unit and visual function display
- Encapsulated, zinc oxide varistor arrester for use in distributor housings
- High current carrying capacity with long lifespan

Application: PV systems with lightning protection system



### Dimensions



### Master data

Item no.	5097065
Type	V25-B+C 0-450PV
Description 1	CombiController V25
Description 2	plug-in arrester f. PV systems
Dimension	450V DC
Smallest sales unit (VG)	1 Piece
Weight	9,50 kg/100 pc.

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### Technical data



SPD to EN 61643-11	Type 1+2
SPD to IEC 61643-11	Class I+II
Maximum continuous voltage AC	385,00 V
Max. continuous operating voltage	385,00 V
Maximum continuous voltage DC	450,00 V
U max DC	450,00 V
Nominal discharge current (8/20)	30 kA
Maximum discharge current (8/20 µs)	50,00 kA
Impulse discharge current (10/350)	7,00 kA
Protection level	< 1,5 kV
Response time	< 25 ns
Maximum back-up fuse	160,00 A
Temperature range	-40-+80 °C
Pole version	1
Version	1-pole, PV upper part with Y base to 900 V DC
Version	1-pole
Protection rating	IP20
Protection rating	IP 20
Blow-out	<input type="checkbox"/>
Division unit TE (17.5 mm)	1
Telecommunications contact	<input type="checkbox"/>
Signalling on device	Visual