

Technical data sheet

Combination arrester V25, 1-pole + NPE 280 V

Item no. 5094457



Combination arrester, lightning and surge arrester type 1+2

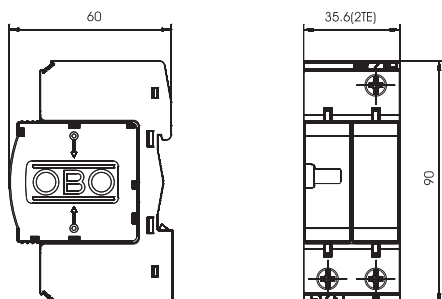
- Complete unit consisting of upper part and base, pre-mounted and ready for connection
- Universally suitable for TN-S and TT systems
- Plug-in arrester with dynamic cut-off unit
- Visual function display
- Voltage protection level <math>< 0.9\text{ kV}</math>
- Encapsulated, non-extinguishing zinc oxide varistor arrester for use in standard distributor housings
- Labelled connections

Application example: Buildings with open-wire power supply or for setting up lightning protection equipotential bonding in residential buildings.

* Complete = Plug-in arrester and base



Dimensions



Master data

Item no.	5094457
Type	V25-B+C 1+NPE
Description 1	CombiController V25
Description 2	1+1 version
Dimension	280V
Smallest sales unit (VG)	1 Piece
Weight	28,00 kg/100 pc.

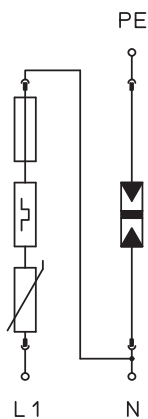
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SPD to EN 61643-11	Type 1+2
SPD to IEC 61643-11	Class I+II
Nominal voltage	230,00 V
Maximum continuous voltage AC	280,00 V
Max. continuous operating voltage	280,00 V
U max AC	150,00 V
U max DC	200,00 V
Nominal discharge current (8/20)	30 kA
Nominal discharge current (8/20 µs) [L-N]	30,00 kA
Nominal discharge current (8/20 µs) [N-PE]	30,00 kA
Maximum discharge current (8/20 µs)	50,00 kA
Impulse discharge current (10/350)	7,00 kA
Lightning impulse current (10/350) (N-PE)	25,00 kA
Lightning impulse current (10/350) (L-N)	7,00 kA
Lightning surge current (10/350)	14,00 kA
Arrester surge current (8/20) [total]	60,00 kA
Combined voltage protection level [L-PE]	1.200,00 kV
Protection level	< 0,9 kV
Protection level [L-N]	900,00 kV
Response time	< 25 ns
Maximum back-up fuse	160,00 A
Temperature range	-40+80 °C
Pole version	1+N/PE
Pole number	1
Version	1-pole complete with NPE
Version	1 + NPE
Protection rating	IP20
Protection rating	IP 20
Blow-out	<input type="checkbox"/>
Division unit TE (17.5 mm)	2
Remote signalling	<input type="checkbox"/>
Telecommunications contact	<input type="checkbox"/>
Connection cross-section, flexible	2,50 - 25,00 mm ²
Connection cross-section, rigid	2,50 - 35,00 mm ²
Connection cross-section, multi-wire	2,50 - 35,00 mm ²
Signalling on device	Visual