

Technical data sheet

Lightning current and surge arrester, 3-pole + NPE

Item no. 5093654



Combination arrester, lightning and surge arrester type 1+2 to DIN EN 61643-11.

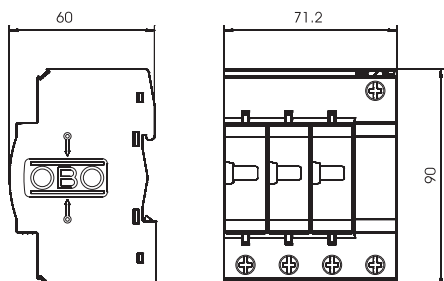
- For lightning protection equipotential bonding to VDE 0185-305 (IEC 62305)
- Lightning current arresting capacity 12.5 kA (10/350) per pole and 50 kA (10/350) in total
- Universally suitable for TN and TT systems
- With new Multibase base with multi-connection terminals
- Complete unit, consisting of upper part and base, pre-mounted and ready for connection
- Arrester, connectable with dynamic cut-off unit
- With visual function display
- Protection level < 1.3 kV
- Encapsulated, non-extinguishing zinc oxide varistor arrester for use in distributor housings
- Labelled connections

Application: Equipotential bonding in buildings, even those with external lightning protection of the Classes III and IV, and in standard distributor housings.

* Complete = Plug-in arrester and base



Dimensions



Master data

Item no.	5093654
Type	V50-B+C 3+NPE
Description 1	CombiController V50
Description 2	3-pole + NPE
Dimension	280V
Smallest sales unit (VG)	1 Piece
Weight	55,00 kg/100 pc.

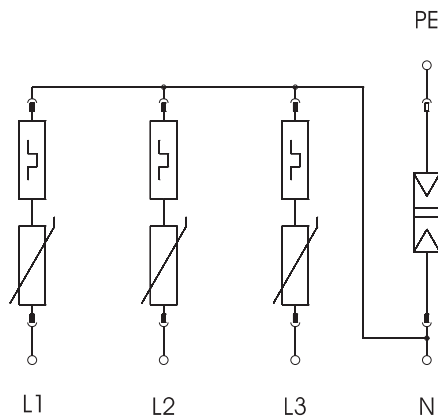
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PE	SPD to EN 61643-11	Type 1+2
	SPD to IEC 61643-11	Class I+II
	Nominal voltage	230,00 V
	Maximum continuous voltage AC	280,00 V
	Max. continuous operating voltage	280,00 V
	Maximum continuous voltage (N-PE)	255,00 V
	Nominal discharge current (8/20)	30 kA
	Nominal discharge current (8/20 µs) [L-N]	30,00 kA
	Nominal discharge current (8/20 µs) [N-PE]	50,00 kA
	Maximum discharge current (8/20 µs)	50,00 kA
	Impulse discharge current (10/350)	12,50 kA
	Lightning impulse current (10/350) (N-PE)	50,00 kA
	Lightning impulse current (10/350) (L-N)	12,50 kA
	Lightning surge current (10/350)	50,00 kA
	Arrester surge current (8/20) [total]	50,00 kA
	Protection level	< 1,3 kV
	Protection level (L-N)	< 1,3 kV
	Protection level (N-PE)	< 1,5 kV
	Response time	<25 ns
	Maximum back-up fuse	125,00 A
	Temperature range	-40-+80 °C
	Pole version	3
	Pole number	3
	Version	3+NPE
	Version	3-pole
	Mounting type	Hat rail 35 mm
	Installation type	DIN rail 35 mm
	Protection rating	IP20
	Protection rating	IP 20
	Blow-out	<input type="checkbox"/>
	Size	4 part units
	Division unit TE (17.5 mm)	4
	Remote signalling	<input type="checkbox"/>
	Telecommunications contact	<input type="checkbox"/>
	Integrated back-up fuse	<input type="checkbox"/>
	Max. cable cross-section flexible (fine-wire)	25,00 mm ²
	Max. cable cross-section rigid (single wire/multi-wire)	35,00 mm ²
	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