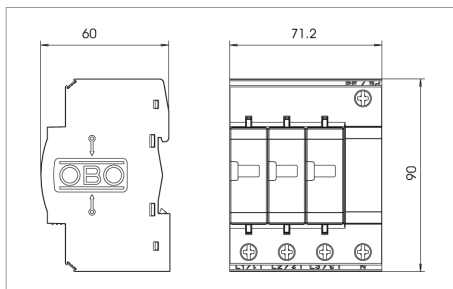


Technical data sheet

Lightning current and surge arrester, 3-pin + NPE



Combination arrester set, lightning and surge arrester Type 1+2 to DIN EN 61643-11 (B+C to VDE 0675 part 6).

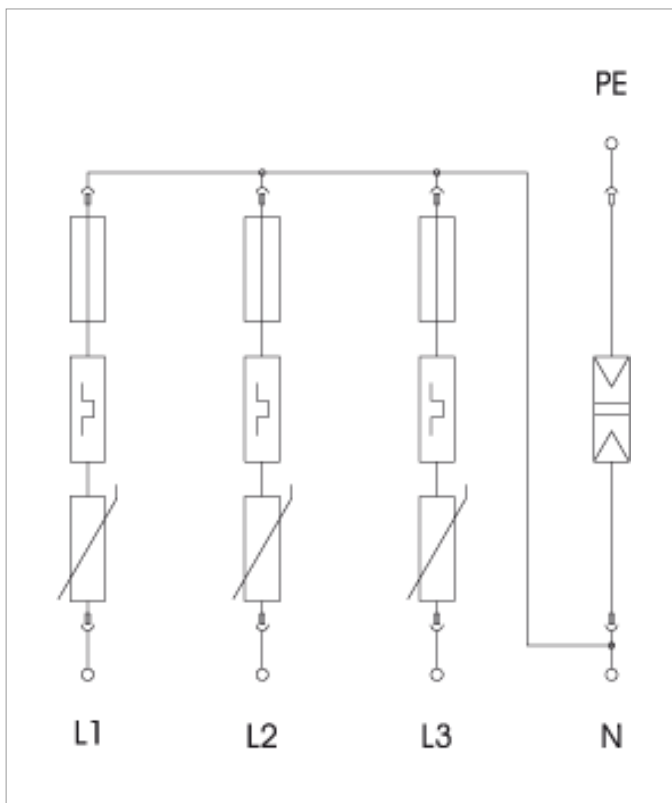
- For lightning protection equipotential bonding to VDE 0185-305 (IEC 62305)
- Lightning current arresting capacity 12.5 kA (10/350) per pole and 50 kA (10/350) in total
- Universally suitable for TN and TT systems
- With new Multibase base with multi-connection terminals
- Complete unit, consisting of cover and base, pre-mounted and ready for connection
- arrester, connectable with dynamic cut-off unit
- With visual function display
- Voltage protection level • 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 class III and IV, and in standard distributor housings.

Type	Maximum continuous voltage V	Version	Pack Units	Weight kg/100 pc.	Art.-No.
V50-B+C 1+NPE	280	1 + NPE	1	31.300	5093653
V50-B+C 3+NPE	280	3+NPE	1	55.000	5093654

G /pc.

Connection-/Circuit diagram



Article number			5093653	5093654
Nominal voltage	U_N	V	230	230
SPD to EN 61643-11			Type 1+2	Type 1+2
SPD to IEC 61643-1			class I+II	class I+II
LPZ			0?2	0?2
Lightning impulse current (10/350)	I_{imp}	kA	12,5	12,5
Lightning impulse current (10/350) [total]		kA	25	50
Nominal discharge surge current (8/20)	I_n	kA	30	30
Arrester surge current (8/20) [total]		kA	50	50
Maximum discharge current	I_{max}	kA	50	50
Voltage protection level	U_p	kV	< 1,3	< 1,3
Response time	t_A	ns	<25	<25
Maximum back-up fuse		A	125	125
Temperature range	?	°C	-40	-40
Division unit TE (17.5 mm)			2	4
Protection rating			IP 20	IP 20
Connection cross-section, rigid		mm ²	2.5	2.5
Connection cross-section, multi-wire		mm ²	2.5	2.5

Connection-/Circuit diagram

Connection cross-section, flexible	mm ²	2.5	2.5
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Legend



Combination protection device made of Type 1 and Type 2



Transition from LPZ 0 to LPZ 2



230/400 V-system



Communautés Européennes, EC declaration of conformity according to EC directives



Russia, GOST The State Committee for Standards



5-year warranty