

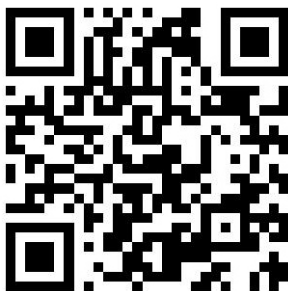
Technical data sheet Lightning current and surge arrester, 4-pin



V 50-B+C/...: 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
- Universally suitable for TN-C 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

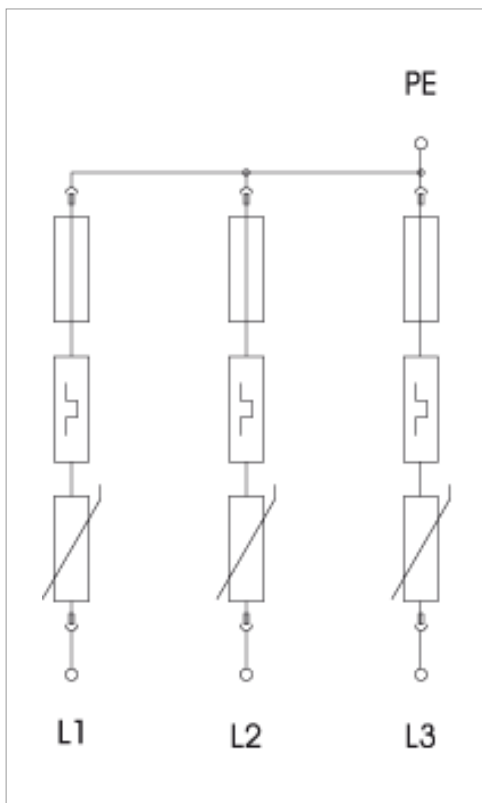
Application: Equipotential bonding in buildings, even those with external lightning protection of Class III and IV, and in standard distributor housings.



Type	Maximum continuous voltage V	Version	Pack Units	Weight kg/100 pc.	Art.-No.
V50-B+C 3-280	280	3-pole	1	42.300	5093627
V50-B+C 4	280	4-pole	1	53.000	5093631

G /pc.

Connection-/Circuit diagram



Article number			5093627	5093631
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	37,5	50
Nominal discharge surge current (8/20)	I_n	kA	30	30
Arrester surge current (8/20) [total]		kA	90	120
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)			3	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



Communautés Européennes, EC declaration of conformity according to EC directives



Russia, GOST The State Committee for Standards



5-year warranty