

Technical data sheet

Surge arrester, 4-pole



V 20-C/...: Surge protection device Type 2 Class C) to VDE 0675 part 6-11 (DIN EN 61643-11).

- With new MultiBase base part and Multi-connection clamps
- Complete unit consisting of upper part and base, pre-mounted and ready for connection
- VDE-tested
- Suitable for TN network systems
- Plug-in upper part; upper part can be separated from base without tools
- Including thermal and dynamic separating device
- With visual display of defects
- High current conductivity and long service life
- Marked connections

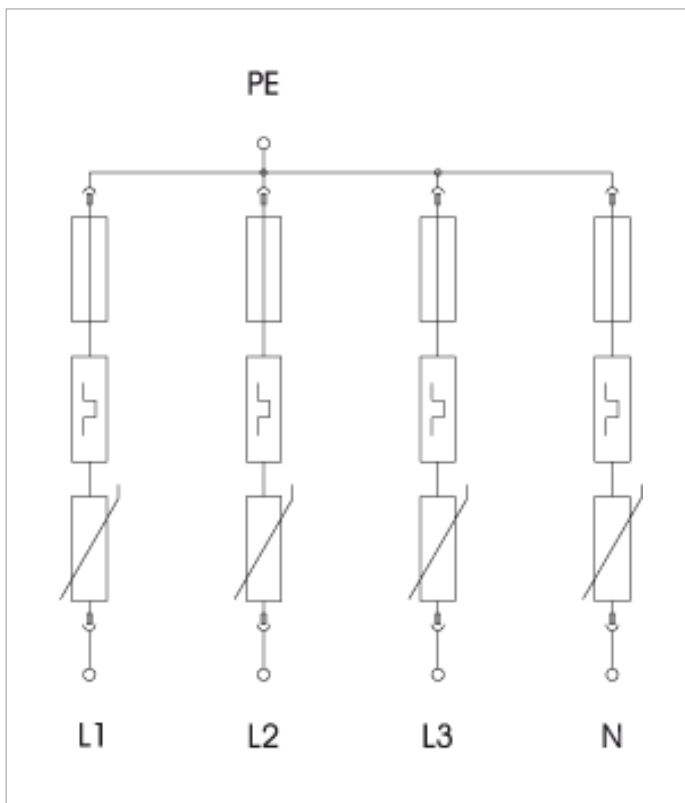


Application example: residential buildings, single-family homes

Type	Maximum continuous voltage V	Version	Pack Units	Weight kg/100 pc.	Art.-No.
V20-C 1-385	385	1-pole	1	12.500	5094703
V20-C 2-385	385	2-pole	1	23.700	5094704
V20-C 3-385	385	3-pole	1	34.500	5094705
V20-C 4-385	385	4-pole	1	44.000	5094708

/pc.

Connection-/Circuit diagram



Article number			5094703	5094704	5094705	5094708
Nominal voltage	U_N	V	350	350	350	350
SPD to EN 61643-11			Type 2	Type 2	Type 2	Type 2
SPD to IEC 61643-1			class II	class II	class II	class II
LPZ			1→2	1→2	1→2	1→2
Nominal discharge surge current (8/20)	I_n	kA	20	20	20	20
Arrester surge current (8/20) [total]		kA	20	40	60	80
Maximum discharge current	I_{max}	kA	40	40	40	40
Voltage protection level	U_p	kV	< 1,7	< 1,7	< 1,7	< 1,7
Response time	t_A	ns	< 25	< 25	< 25	< 25
Maximum back-up fuse		A	125	125	125	125
Temperature range	ϑ	°C	-40	-40	-40	-40
Division unit TE (17.5 mm)			1	2	3	4
Protection rating			IP 20	IP 20	IP 20	IP 20
Connection cross-section, rigid		mm ²	2.5	2.5	2.5	2.5
Connection cross-section, multi-wire		mm ²	2.5	2.5	2.5	2.5
Connection cross-section, flexible		mm ²	2.5	2.5	2.5	2.5

Legend



Protection device to DIN EN 61643-11 or IEC 61643-11



Transition from LPZ 1 to LPZ 2



Communautés Européennes, EC declaration of conformity according to EC directives



Österreichischer Verband für Elektrotechnik, Austria



KEMA-KEUR, Netherlands



Verband der Elektrotechnik, Elektronik, Informationstechnik e.V., Germany



MAGYAR ELEKTROTECHNIKAI ELLENŐRZŐ INTÉZET Budapest, Hungary



ELEKTROTECHNICKÝ ZKUŠEBNÍ ÚSTAV, Czech Republic



Russia, GOST The State Committee for Standards



5-year warranty