

# Technical data sheet

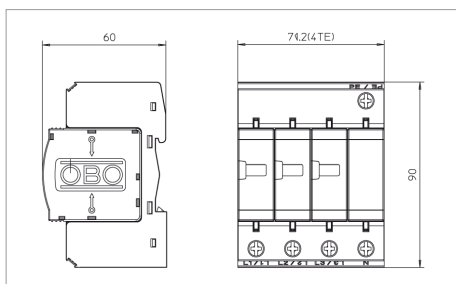
## Surge arrester, 1-pole + NPE



V 10-C/...: lightning and surge protection device Type 2+3 (Class C+D) to VDE 0675 part 6-11 (DIN EN 61643-11) to overvoltage protection to DIN VDE 0100 part 443.

- With new MultiBase base part and Multi-connection clamps
- Complete unit consisting of upper part and base, pre-mounted and ready for connection
- Suitable for any TN and TT network systems
- Plug-in arrester with dynamic separating device
- With visual function display
- High current conductivity and long service life
- Marked connections

Application example: residential buildings, single-family homes

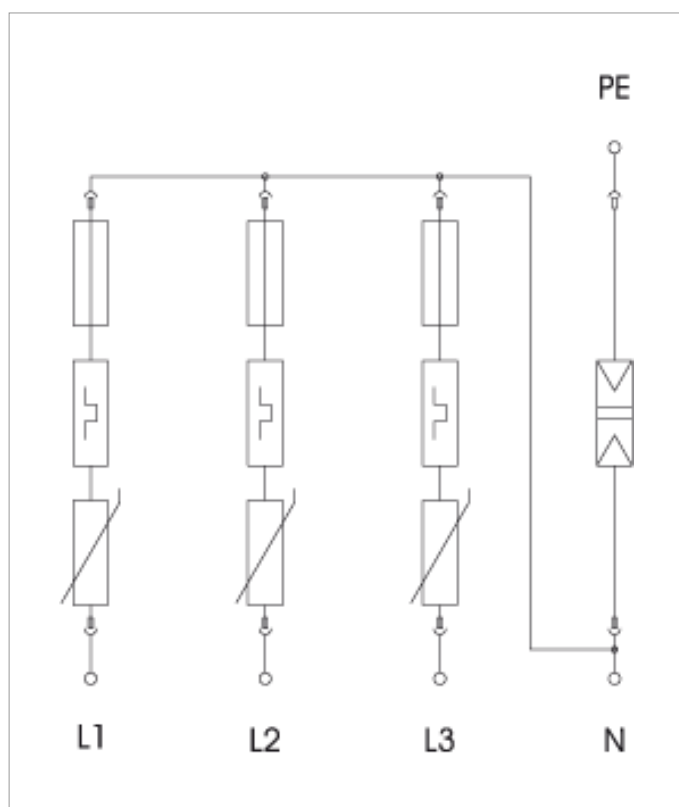


Type	Max. continuous operating voltage V	Version	Pack. pcs	Weight kg/100 pcs.	Art.-No.
V10-C 3+NPE	280	3 + NPE	1	37.800	5094920
V10-C 1+NPE-280	280	1 + NPE	1	22.200	5093418

/pc.



## Connection-/Circuit diagram



Article number			<b>5094920</b>	<b>5093418</b>
Nominal voltage	$U_N$	V	230	230
SPD to EN 61643-11			Type 2+3	Type 2+3
SPD to IEC 61643-11			class II+III	class II+III
Lightning protection Zone LPZ			1-3	1-3
Nominal discharge current (8/20)	$I_n$	kA	10	10
Arrestor surge current (8/20) [total]	$I_{Total\ 8/20}$	kA	40	40
Maximum discharge current	$I_{max}$	kA	20	20
Voltage protection level	$U_p$	kV	< 1,1	< 1,1
Response time	$t_A$	ns	<25	< 25
Maximum back-up fuse		A	125	125
Temperature range	$\vartheta$	°C	-40 - +80	-40 - +80
Division unit TE (17.5 mm)			4	2
Connection cross-section, rigid		mm <sup>2</sup>	2.5 - 35	2.5 - 35
Connection cross-section, multi-wire		mm <sup>2</sup>	2.5 - 35	2.5 - 35
Connection cross-section, flexible		mm <sup>2</sup>	2.5 - 25	2.5 - 35

## Legend



Russia, GOST The State Committee for Standards



5-year warranty



Communautés Européennes, EC declaration of conformity according to EC directives



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



Transition from LPZ 1 to LPZ 3