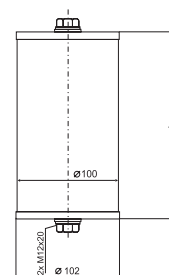


OVERVOLTAGE LIMITER PSPI */20/IV - LINE DISCHARGE CLASS 4 indoor use



PSPI */20/IV – overvoltage limiters designed for protecting of high-voltage transmission systems, transformers, switching equipment and and HV cable distribution systems against atmospheric and switching overvoltage effects. The functional part of the limiters consists of a column of varistors sized for max. continuous operating voltage U_c . The outer insulating shell is made from silicon material (grey colour). The material of the shell shows high resistance to the effects of surface leakage currents and to electric arc, possesses hydrophobic properties and shows excellent resistance to weather effects,

pollution and UV radiation. The cover caps, connecting screws, nuts and terminals are made of stainless steel. With their design and technical parameters, the overvoltage limiters of the PSP series conform to the standards EN 60099-4: 2014 and IEC 60099-4: 2014.

Type		PSPI 4/20/IV	PSPI 7/20/IV	PSPI 10/20/IV	PSPI 12/20/IV	PSPI 15/20/IV	PSPI 18/20/IV
Max. continuous operating voltage	U_c	4,25 kV	7,5 kV	10 kV	12,9 kV	15,4 kV	18 kV
Nominal voltage	U_f	5,1 kV	9 kV	12 kV	15 kV	18,5 kV	21,5 kV
Nominal discharge current	I_n	20 kA	20 kA	20 kA	20 kA	20 kA	20 kA
High impulse current (4/10)		2 x 100 kA	2 x 100 kA	2 x 100 kA	2 x 100 kA	2 x 100 kA	2 x 100 kA
Long current impulse (2 ms)		1500 A	1500 A	1500 A	1500 A	1500 A	1500 A
Discharge class acc. to EN 60099-4		4	4	4	4	4	4
Residual voltage at I_n	U_{res}	$\leq 14,55$ kV	$\leq 25,65$ kV	$\leq 34,2$ kV	$\leq 43,65$ kV	$\leq 52,2$ kV	$\leq 60,75$ kV
Height (+5 / -2 mm)	h	106 mm	132 mm	157 mm	176 mm	198 mm	220 mm
Operating temperature range	ϑ	- 40 °C ÷ + 55 °C					
Protection type		IP62					
Article number		94015	94016	94017	94018	94019	94020

Type		PSPI 20/20/IV	PSPI 24/20/IV	PSPI 28/20/IV	PSPI 32/20/IV	PSPI 36/20/IV	PSPI 40/20/IV
Max. continuous operating voltage	U_c	20 kV	24 kV	28 kV	32,5 kV	36,9 kV	39 kV
Nominal voltage	U_f	24 kV	29 kV	34 kV	39 kV	44 kV	46,5 kV
Nominal discharge current	I_n	20 kA	20 kA	20 kA	20 kA	20 kA	20 kA
High impulse current (4/10)		2 x 100 kA	2 x 100 kA	2 x 100 kA	2 x 100 kA	2 x 100 kA	2 x 100 kA
Long current impulse (2 ms)		1500 A	1500 A	1500 A	1500 A	1500 A	1500 A
Discharge class acc. to EN 60099-4		4	4	4	4	4	4
Residual voltage at I_n	U_{res}	$\leq 66,75$ kV	$\leq 81,3$ kV	$\leq 95,85$ kV	$\leq 110,4$ kV	$\leq 124,95$ kV	$\leq 133,5$ kV
Height (+5 / -2 mm)	h	233 mm	270 mm	308 mm	341 mm	377 mm	400 mm
Operating temperature range	ϑ	- 40 °C ÷ + 55 °C					
Protection type		IP62					
Article number		94021	94022	94023	94024	94025	94026

Note: The weight is indicative only and may vary. We can send accurate data on your request.