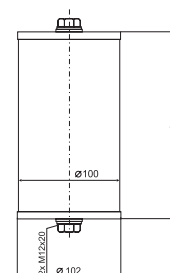


OVERVOLTAGE LIMITER PSPI */10/III - LINE DISCHARGE CLASS 3 indoor use



PSPI */10/III – overvoltage limiters designed for protecting of high-voltage transmission systems, transformers, switching equipment 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 PSPI series conform to the standards EN 60099-4: 2014 and IEC 60099-4: 2014.

Type		PSPI 5/10/III	PSPI 7/10/III	PSPI 10/10/III	PSPI 12/10/III	PSPI 15/10/III	PSPI 18/10/III
Max. continuous operating voltage	U_c	4,8 kV	6,9 kV	9,9 kV	12 kV	15 kV	18 kV
Nominal voltage	U_r	6 kV	8,6 kV	12,4 kV	15 kV	18,75 kV	22,5 kV
Nominal discharge current	I_n	10 kA	10 kA	10 kA	10 kA	10 kA	10 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)		850 A	850 A	850 A	850 A	850 A	850 A
Discharge class acc. to EN 60099-4		3	3	3	3	3	3
Residual voltage at I_n	U_{res}	$\leq 17,7$ kV	$\leq 24,9$ kV	$\leq 35,6$ kV	$\leq 42,8$ kV	$\leq 53,5$ kV	≤ 63 kV
Height	h	130 mm	138 mm	168 mm	187 mm	216 mm	245 mm
Operating temperature range	ϑ	-40 °C ÷ + 55 °C					
Protection type		IP62					
Weight	m	2,3 kg	3,5 kg	4,4 kg	5,3 kg	6,5 kg	7,4 kg
Article number		96024	96025	96026	96027	96028	96029

Type		PSPI 22/10/III	PSPI 24/10/III	PSPI 29/10/III	PSPI 32/10/III	PSPI 36/10/III	PSPI 39/10/III
Max. continuous operating voltage	U_c	21,9 kV	24 kV	28,8 kV	31,8 kV	36 kV	39 kV
Nominal voltage	U_r	27,4 kV	30 kV	36 kV	38,8 kV	45 kV	48,75 kV
Nominal discharge current	I_n	10 kA	10 kA	10 kA	10 kA	10 kA	10 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)		850 A	850 A	850 A	850 A	850 A	850 A
Discharge class acc. to EN 60099-4		3	3	3	3	3	3
Residual voltage at I_n	U_{res}	$\leq 78,4$ kV	$\leq 85,6$ kV	$\leq 103,3$ kV	≤ 114 kV	$\leq 128,4$ kV	$\leq 139,1$ kV
Height	h	283 mm	303 mm	350 mm	379 mm	420 mm	450 mm
Operating temperature range	ϑ	-40 °C ÷ + 55 °C					
Protection type		IP62					
Weight	m	9 kg	9,5 kg	11,3 kg	12 kg	14,3 kg	15,2 kg
Article number		96030	96031	96033	96034	96035	96036

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