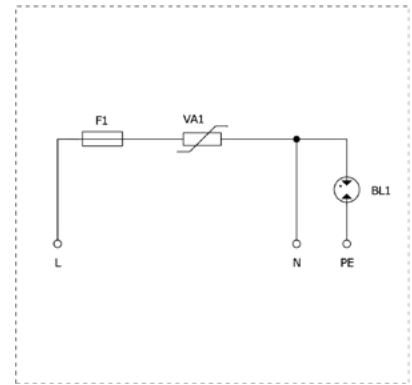
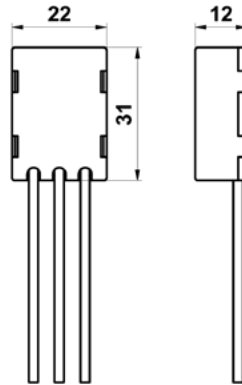


Surge Arrester TYPE 3

TYPE
3

VARISTOR

TYPE 3 / CLASS III / TN-S / CE



PZH R3 HSAA-1G

PZH R3 HSAA-1G – surge arrester Type 3 according to IEC 61643-11: 2011 and EN 61643-11: 2012 intended for LED luminaires used primarily for tunnel lighting, building lighting and street lighting as an additional protection. The method of connection in given applications is by cable inlets. The position of the applied HERMI SPD can be horizontal, vertical, rotated by 90 and 180 degrees and this function does not affect SPD function or specified parameters. Type 3 protects the device only up to 5 m of electric line.

TYPE		PZH R3 HSAA-1G
Test class according to IEC EN 61643-11		TYPE 3, CLASS III
Nominal voltage	U_N	230 V AC
Max. continuous operating voltage	U_C	275 V AC
Nominal discharge current $I_n(8/20)$	I_n	5 kA (L/N), L(N)/PE)
Combined impulse	U_{OC}	10 kV (L/N, L(N)/PE)
Voltage protection level at U_{OC}	U_P	< 1,2 kV (L/N); < 1,5 kV (L(N)/PE)
Response time	t_A	<25 ns (L/N); < 100 ns(L/PE, N/PE)
Back-up fuse		16 A
Temporary overvoltage (TOV)	U_T	337V / 5 s (L/N)
LPZ		2-3
Housing material		Polyamid PA6, UL 94 V-0
Protection type		IP20
Operating temperature range	9	-40 °C ... +70 °C
Lifetime		min. 100 000 h
Weight		15 g
Article number		77 32 009