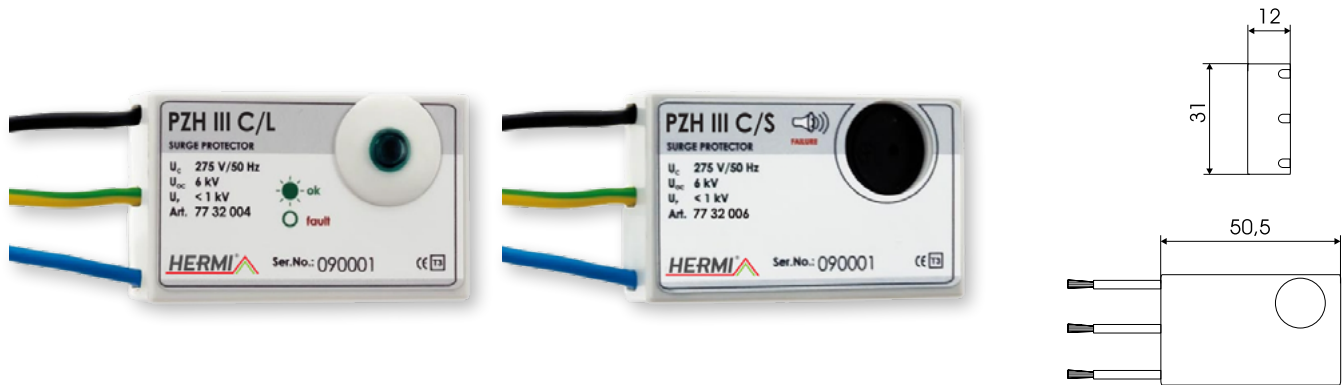


Surge Arrester TYPE 3

TYPE
3

VARISTOR

TYPE 3 / CLASS III / TN-S / CE



PZH III C/L, PZH III C/S

PZH III C/S, PZH III C/L are surge arresters type 3 according to EN 61643-11 and IEC 61643-1 designed for installation into electrical installation systems, e.g.: cable ducts and flush-mounted sockets as an additional protection. These devices are suitable supplements of socket distribution which are protected by PZH protector. The right function of PZH III C/L type is indicated by green LED diode. When the indicator is off, the device must be replaced or technically checked. PZH III C/S contains an acoustic fault indicator (buzzer).

TYPE		PZH III C/L	PZH III C/S
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	3 kA (L/N, L/PE) 5 kA (L/PE)	
Combined impulse	U_{oc}	6 kV (L/N, L/PE) 10 kV (N/PE)	
Voltage protection level at U_{oc}	U_p	< 1 kV (L/N); < 1,2 kV (L/PE); < 1,2 kV (N/PE)	
Power loss at winding temp. 20°C		<0,5 W	
Response time	t_A	<25 ns (L/N); < 100 ns(L/PE, N/PE)	
Recommended backup fuse		16 A	
Temporary overvoltage (TOV)	U_T	335V / 5 S (L/N); 12000V +UO/200 ms(L/PE)	
Failure signalisation		light on - ok / light off - failure	inbuilt siren
Lifetime		min. 100 000 h	
Weight		20 g	30 g
Article number		77 32 004	77 32 006

