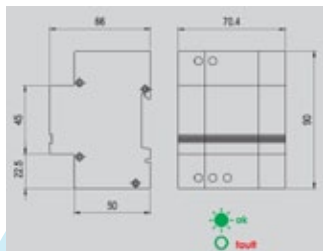


# Type 3 Single Phase Varistor and EMC/EMI Filter Surge Arresters Fully Compliant to BSEN61643-11 and IEC61643-1



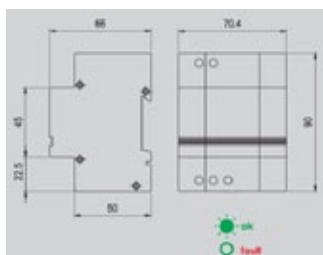
Part No. 30017  
25 amps



Nominal voltage	UN	230 V AC
Max. continuous operating voltage	U <sub>c</sub>	275 V AC
Nominal current	I <sub>N</sub>	25A
Nominal discharge current I <sub>n</sub> (8/20)	I <sub>n</sub>	3 kA (L/N, L/PE) 5 kA (N/PE)
Combined impulse	U <sub>oc</sub>	6 kV (L/N, L/PE) 10 kV (N/PE)
Voltage protection level at U <sub>oc</sub>	U <sub>p</sub>	<850 V (L/N) <1,5 kV (L/PE) <1,2 kV (N/PE)
Asymmetrical attenuation of filter (band-stop filter)		min. 80dB at 4MHz min. 40dB (0,15 - 30MHz)
Filters constraints	C <sub>x</sub> C <sub>y</sub> L	220 nF 22 nF 2,3 mH
Power loss at winding temp. 20°C		<3,5 W
Response time	t <sub>A</sub>	<25ns (L/N) <100ns (L/PE, N/PE)
Recommended backup fuse		25A
Lifetime		min. 100.000 h
Weight	m	240g
Part no		30 017



Part No. 30005  
32 amps



Nominal voltage	UN	230 V AC
Max. continuous operating voltage	U <sub>c</sub>	275 V AC
Nominal current	I <sub>N</sub>	32A
Nominal discharge current I <sub>n</sub> (8/20)	I <sub>n</sub>	3 kA (L/N, L/PE) 5 kA (N/PE)
Combined impulse	U <sub>oc</sub>	6 kV (L/N, L/PE) 10 kV (N/PE)
Voltage protection level at U <sub>oc</sub>	U <sub>p</sub>	<850 V (L/N) <1,5 kV (L/PE) <1,2 kV (N/PE)
Asymmetrical attenuation of filter (band-stop filter)		min. 80dB at 4MHz min. 40dB (0,15 - 30MHz)
Filters constraints	C <sub>x</sub> C <sub>y</sub> L	220 nF 22 nF 2,3 mH
Power loss at winding temp. 20°C		<4 W
Response time	t <sub>A</sub>	<25ns (L/N) <100ns (L/PE, N/PE)
Recommended backup fuse		32A
Lifetime		min. 100.000 h
Weight	m	240g
Part no		30 005