

Type 3 single phase surge arrester with a high frequency filter according to BSEN61643-11. They are produced for nominal current within the range of 8, 16, 25 and 32 amps for mounting on din rail 35mm. For protection of single phase electronic appliances in low voltage supply systems against impulse surge and high frequency disturbance.



Part No. 30080  
8 amps

Nominal voltage	UN	230 V AC
Max. continuous operating voltage	Uc	275 V AC
Nominal current	IN	8A
Nominal discharge current In(8/20)	In	3 kA (L/N, L/PE) 5 kA (N/PE)
Combined impulse	Uoc	6 kV (L/N, L/PE) 10 kV (N/PE)
Voltage protection level at Uoc	Up	<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	Cx Cy L	150 nF 22 nF 1,2 mH
Power loss at winding temp. 20°C		<2,2 W
Response time	tA	<25ns (L/N) <100ns (L/PE, N/PE)
Recommended backup fuse		6A
Lifetime		min. 100.000 h
Weight	m	130g
Part no		30080

- Meets all the latest standards and requirements
- Protects sensitive measuring and laboratory equipment
- Visual indication of status (LED'S)
- Earth leakage free
- Surge arrester with filter combined
- Wired in series



Part No. 30004  
16 amps

Nominal voltage	UN	230 V AC
Max. continuous operating voltage	Uc	275 V AC
Nominal current	IN	16A
Nominal discharge current In(8/20)	In	3 kA (L/N, L/PE) 5 kA (N/PE)
Combined impulse	Uoc	6 kV (L/N, L/PE) 10 kV (N/PE)
Voltage protection level at Uoc	Up	<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	Cx Cy L	220 nF 22 nF 1,8 mH
Power loss at winding temp. 20°C		<3,5 W
Response time	tA	<25ns (L/N) <100ns (L/PE, N/PE)
Recommended backup fuse		16A
Lifetime		min. 100.000 h
Weight	m	170/224g
Part no		30004

