

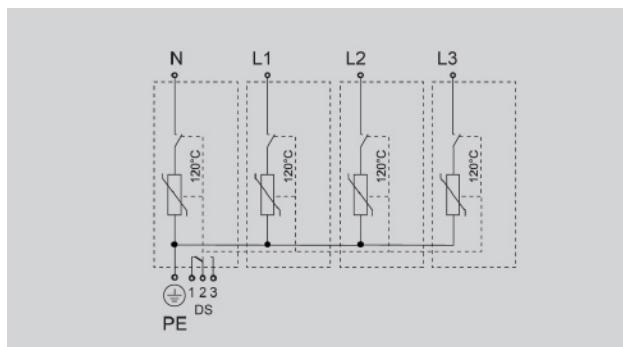
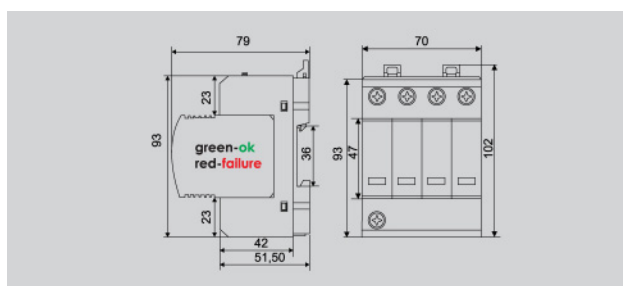
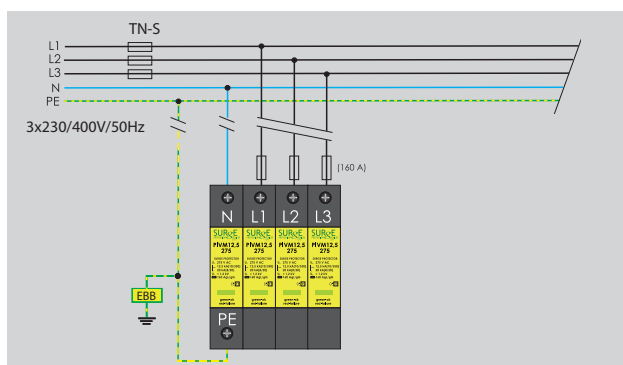
# Type 1 + 2 + 3 Combined Lightning and Surge Arresters For TNC-S and TN-S Installations



## Pluggable Combined Lightning and Surge Arrester



Part No. 381649S  
50kA 10/350µs



- Lightning protection Level 3, 50kA 10/350µs
- Fully compliant to BSEN62305, BS61643-11 & BS7671
- Combined arrester Type 1+2+3 can handle direct lightning strikes and protect sensitive electronic equipment
- Low let through voltage <1.2kV
- Visual indication of status
- Will extinguish follow currents after activation
- Remote changeover contacts can be linked to BMS, buzzer, light etc
- Din rail mountable
- Fast response time <25ns
- Minimum backup fuse / MCB 63A
- Recommended cable size 25mm<sup>2</sup>
- Can be supplied in polycarbonate IP65 or metal housing
- Manufactured in Europe
- Competitively priced against other brands

Max. continuous operating voltage	U <sub>c</sub>	275 V AC
Lightning impulse current - charge	I <sub>imp</sub> Q	12,5 kA 6,25 As
Total lightning current (10/350) L1 + L2 + L3 + N → PE	I <sub>total</sub>	50 kA
Nominal discharge current (8/20)	I <sub>n</sub>	20 kA
Voltage protection level	U <sub>p</sub>	< 1.2 kV
Temporary overvoltage (TOV)	U <sub>T</sub>	335 V / 5 sec
Response time	t <sub>A</sub>	< 25ns
Max. backup fuse		160 AgL/gG
Short-circuit withstand capability at max. back-up fuse	I <sub>p</sub>	60 kA <sub>rms</sub>
Lifetime		min. 100 000 h
Weight	m	560g
Let through voltage at 3ka 8/20µs		App C = 600V
Part Number		381649S



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www.surgedevices.co.uk