

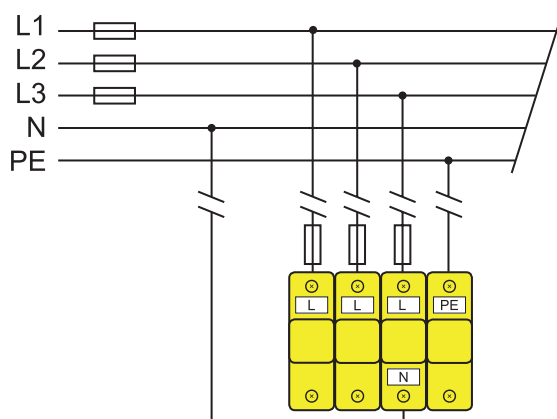
# Type 1 + 2 + 3 Combined Lightning/Surge Arrester For TT Installations



## Fully Compliant to BSEN62305, BS61643-11 & BS7671 Cost-Effective Combined Lightning and Surge Arrester



Part No. SY123/50KA4P



Maximum continuous operating voltage	Uc	275 V AC
Lightning impulse current (10/350) - charge - specific energy	Iimp Q W/R	12,5 kA 6.25 As 39 kJ/Ω
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
Maximum discharge current (8/20)	I <sub>max</sub>	50 kA
Voltage protection level at Iimp	U <sub>p</sub>	< 1.3 kV
Temporary overvoltage (TOV)	U <sub>T</sub>	335 V / 5 sec.
Response time	t <sub>A</sub>	< 25ns/100ns
Max. Back-up fuse		160 A gL/gG
Short circuit withstand capability at max back-up fuse	I <sub>p</sub>	25 kA <sub>rms</sub>
Weight	m	690g
Part No.		SY123/50KA4P
Spare Modules		SY12350KA4P/MOD/L SY12350KA4P/MOD/NPE

- 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
- Suitable for use on all installation types (TT, TNC-S & TN-S)
- Low let through voltage <1.3kV
- Visual indication of status
- Pluggable replacement modules
- Remote changeover contacts can be linked to BMS, buzzer, light etc
- Din rail mountable
- Minimum backup fuse / MCB 63A
- Recommended cable size 16-25mm<sup>2</sup>
- Can be supplied in polycarbonate IP65 or metal housing
- Manufactured in Europe
- Competitively priced against other brands



SY12350KA4PENC



SY12350KA4PENCM