

SA123-450

Type 1+2+3 Surge Protection Device

- Pluggable



Technical Specifications	
Description	Type 1 + 2 + 3 AC surge protector
Network	230/400 V 3-phase+N
Connection Mode	L/N and N/PE
AC system	TT/TNS
Max. AC Operating Voltage L-N (Uc)	275 Vac
Temporary Over Voltage [TOV] Characteristics - 5 sec (UT)	180 Vac withstand
Temporary Over Voltage [TOV] Characteristics - 120m (UT)	230 Vac disconnection
Temporary Over Voltage N/PE [TOV HT] (UT)	1200 v/300A/200ms withstand
Residual Current Leakage Current at Uc (Ipe)	None
Follow Current (If)	None
Nominal discharge current (In) 15 x 8/20 µs impulses	20kA
Max discharge current (Imax) max. withstand @ 15 x 8/20µs by pole	50kA
Residual voltage (Up-in) @ In (8/20 µs)	0.6 kV
Protection level L/N (Up L/N) @ In (8/20 µs)	1.25 kV
Protection level N/PE (Up N/PE) @ In (8/20 µs)	1.5 kV
Admissible short-circuit current (Iscrr)	25000A
Thermal Disconnecter	Internal
Fuses	Fuse type gG-125A
Installation ground fault breaker	Type "S" or delayed
Connection to Network	By screw terminals: 2.5-25 mm ²
Mounting	Symmetrical rail 35mm (EN60715)
Operating Temperature	-40/+85 °C
Protection Rating	IP20
Housing Material	Thermoplastic UL94-V0
Standards of Compliance	EN 61645-11, IEC 61643-11, UL1449ed.7
Certification	ERC CE

Technical Drawing

