

# SA123-250

## Type 1+2+3 Surge Protection Device

### - Pluggable



#### Technical Specifications

<b>Description</b>	Type 1 + 2 + 3 AC surge protector
<b>Network</b>	230 V single-phase
<b>Connection Mode</b>	L/N and N/PE
<b>AC system</b>	TT/TN
<b>Max. AC Operating Voltage</b> (Uc)	230 Vac
<b>Temporary Over Voltage [TOV] Characteristics - 5 sec</b> (UT)	335 Vac withstand
<b>Temporary Over Voltage [TOV] Characteristics - 120m</b> (UT)	440 Vac disconnection
<b>Temporary Over Voltage N/PE [TOV HT]</b> (UT)	1200 v/300A/200ms withstand
<b>Residual Current Leakage Current at Uc</b> (Ipe)	None
<b>Follow Current</b> (If)	None
<b>Nominal discharge current</b> (In) 15 x 8/20 µs impulses	20kA
<b>Max discharge current</b> (Imax) max. withstand @ 15 x 8/20µs by pole	50kA
<b>Residual voltage</b> (Up-in) @ In (8/20 µs)	0.6 kV
<b>Protection level L/N</b> (Up L/N) @ In (8/20 µs)	1.25 kV
<b>Protection level N/PE</b> (Up N/PE) @ In (8/20 µs)	1.5 kV
<b>Admissible short-circuit current</b> (Iscsr)	25000A
<b>Thermal Disconnecter</b>	Internal
<b>Fuses</b>	Fuse type gG-125A
<b>Installation ground fault breaker</b>	Type "S" or delayed
<b>Connection to Network</b>	By screw terminals: 2.5-25 mm <sup>2</sup>
<b>Mounting</b>	Symmetrical rail 35mm (EN60715)
<b>Operating Temperature</b>	-40/+85 °C
<b>Protection Rating</b>	IP20
<b>Housing Material</b>	Thermoplastic UL94-V0
<b>Standards of Compliance</b>	EN 61645-11, IEC 61643-11, UL1449ed.7
<b>Certification</b>	ERC CE

#### Technical Drawing

