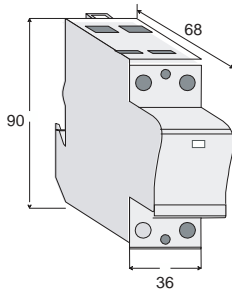




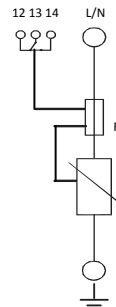
The T1-25 M is a surge protective device available in 1 up to 4 poles version, with very high protection level against surges at direct lightning stroke (in presence of lightning conductor) and against indirect surges on the electrical networks.

- Surge protective device type 1  $I_{imp}$  25 kA /  $I_{max}$  100kA
- Discharge Nominal current  $I_n$  30kA
- End of life indicator
- Default output

### Dimensions



### Schemes



### Characteristics

Part number	T1-25M/335
Network type	TT-TN
Nominal voltage	230 VAC
Max permanent service voltage $U_c$ (50Hz)	335 VAC
Transient surge handling $U_T$	> 400 VAC
Nominal discharge current $I_n$ (8/20 $\mu$ s)	30 kA
Max discharge current $I_{max}$ (8/20 $\mu$ s)	100 kA
Max discharge Current $I_{imp}$ (10/350 $\mu$ s)	25 kA
Total limp (10/350 $\mu$ s) (L1+N; L1+L2+L3; L1+L2+L3+N-PE)	50/75/100 kA
Protection level Up under $I_n$ / 5 kA	1,5 kV / <1 kV
Protection Level Up under limp	1,2 kV
Specific energy / load	155 kJ/ $\Omega$ 12,5 As
Leak current $I_{pe}$	< 2.5 mA
Response time	< 25 ns
Max fuse in upstream $I_{cc} \leq 25kA$	max.250 A gG/gL
Max fuse in upstream. $I_{cc} > 25kA$	max.125 A gG/gL
$I_{cc}$ Max short circuit current handling.	25 kA /50Hz
Internal thermal disconnecter	yes
Remote monitoring of status	yes
Wiring gauge L; N; PE	4-35 mm <sup>2</sup> (flexible : 25 mm <sup>2</sup> max.)
Monitoring contacts flexible rigid	1.5 mm <sup>2</sup> (flexible, rigid)
Operating t°C	-20°C / +80° C
Housing material	Polyester thermoplastic UL 94 V-0
Housing protection level	IP20
Mounting	symmetrical Din Rail (EN 50022 / DIN46277-3)
Standards	NF EN 61643-11 / IEC 61643-1

### References

Part number	Designation
T1-25M/335-T1	1 pole type 1 limp 25kA $U_c$ 335 with default output
T1-25M/335-T2	2 poles type 1 limp 25kA $U_c$ 335 with default output
T1-25M/335-T3	3 poles type 1 limp 25kA $U_c$ 335 with default output
T1-25M/335-T4	4 poles type 1 limp 25kA $U_c$ 335 with default output