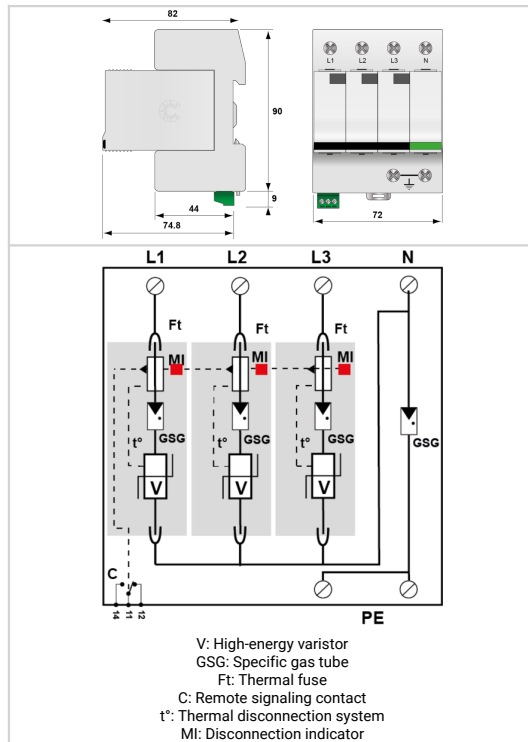


ETITEC VS T 123 255/12,5 3+1 RC



- Type 1 + 2 + 3 AC surge protector
- In : 20 kA
- Iimp total : 50 kA on 10/350µs impulse
- Pluggable module
- Optimized to TOV
- Remote signaling
- EN 61643-11



Electrical Characteristics		
SPD type	IEC	1+2+3
Network		230/400 V 3-phase+N
AC system		TT-TNS
Nominal line voltage	Un	230 Vac
Max. AC operating voltage	Uc	255 Vac
Temporary Over Voltage (TOV) Characteristics - 5 sec. Without disconnection	UT	335 Vac withstand
Temporary Over Voltage (TOV) Characteristics - 120 mn Without disconnection or with safety disconnection	UT	440 Vac withstand
Temporary Over Voltage N/PE (TOV HT) Without disconnection or with safety disconnection	UT	1200 V/300A/200 ms withstand
Residual Current Leakage current to Ground	Ipe	None
Follow current	If	None
Nominal discharge current 15 x 8/20 µs impulses	In	20 kA
Max. discharge current max. withstand @ 8/20 µs by pole	Imax	50 kA
Impulse current by pole max. withstand 10/350µs by pole	Iimp	12.5 kA
Total lightning current max. total withstand @ 10/350µs	Itotal	50 kA
Withstand on Combination waveform IEC 61643-11 Class III test: 1.2/50µs - 8/20µs	Uoc	20 kV
Withstand on overvoltages IEEE C62.41.1		20 kV
Specific energy by pole max. withstand 10/350 µs	W/R	40 kJ/ohm
Connection mode(s)		L/N and N/PE
Protection mode(s)		Common/Differential mode
Residual voltage @ In (8/20 µs)	Up-in	0.6 kV
Protection level L/N @ In (8/20µs)	Up L/N	1.25 kV
Protection level N/PE @ In (8/20µs)	Up N/PE	1.5 kV
Admissible short-circuit current	Iscrr	25 000 A
Mechanical Characteristics		
Technology		VG Technology (MOV+GSG)
SPD configuration		3-phase+Neutral
Connection to Network		By screw terminals: 2.5-25mm ² / by bus
Format		Plug-in modular box
Mounting		Symmetrical rail 35 mm (EN 60715)
Housing material		Thermoplastic UL94 V-0
Operating temperature	Tu	-40/+85°C
Protection rating		IP20
Failsafe mode		Disconnection from AC network
Disconnection indicator		1 mechanical indicator by pole
Remote signaling of disconnection		Output on changeover contact
Dimensions		See diagram
Weight		0.501 kg
Disconnectors		
Thermal disconnector		Internal
Installation ground fault breaker		Type 'S' or delayed
Back-up protection device		Fuses Type gG - 125 A
Standards		
Standards compliance		EN 61643-11
Part number		
64368, ETI002442931		