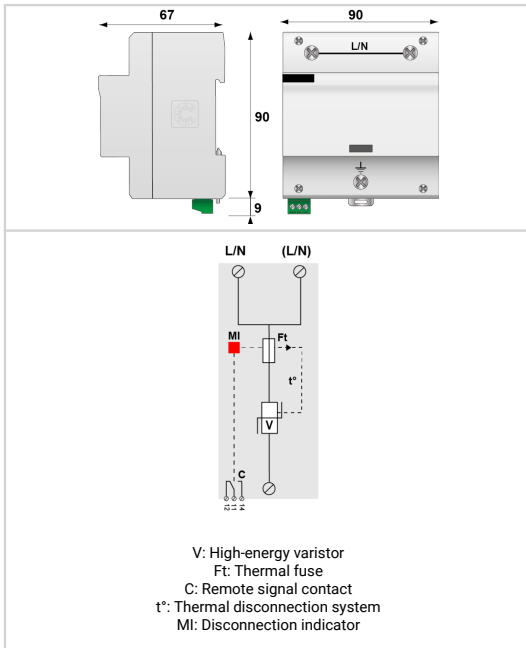


DS500E-230



- ✦ Type 1+2 unipolar AC surge protector
- ✦ Iimp : 50 kA on 10/350µs impulse
- ✦ Imax : 200 kA on 8/20µs impulse
- ✦ Internal disconnections, status indicator and remote signaling
- ✦ IEC 61643-11 and EN 61643-11



Electrical Characteristics			
SPD type	IEC		1+2
Network			230/400 V
Max. AC operating voltage	Uc		255 Vac
Max. load current if series connection	IL		100 A
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 disconnection
Residual Current Leakage current to Ground	Ipe		< 3 mA
Follow current	If		None
Nominal discharge current 15 x 8/20 µs impulses	In		50 kA
Max. discharge current max. withstand @ 8/20 µs by pole	I _{max}		200 kA
Impulse current by pole max. withstand 10/350µs by pole	I _{imp}		50 kA
Specific energy by pole max. withstand 10/350 µs	W/R		625 kJ/ohm
Connection mode(s)			L/N and L/PE
Protection level @ In (8/20µs)	Up		1.8 kV
Residual voltage at 5 kA @ 5 kA (8/20µs)	Up-5kA		0.8 kV
Admissible short-circuit current	I _{sc}		50 000 A
Mechanical Characteristics			
Technology			MOV
Connection to Network			By screw terminals: 6-35mm ²
Format			1-pole 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
Remote signaling of disconnection			Output on changeover contact
Dimensions			See diagram
Weight			0.595 kg
Disconnectors			
Thermal disconnector			Internal
Installation ground fault breaker			Type 'S' or delayed
Back-up protection device			Fuses Type gG - 500 A
Standards			
Standards compliance			IEC 61643-11 / EN 61643-11
Certification			
Part number			
500230			

