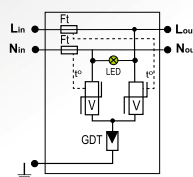
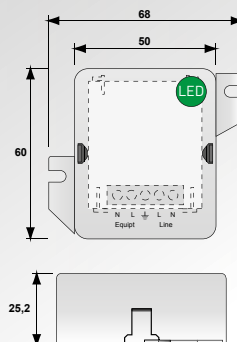


Hard-wired AC Surge Protectors MSB10C series



V : Varistor
Ft : Thermal fuse
t° : Thermal system disconnection
LED: Disconnection indicator
GDT: Gas Discharge Tube

- Compact Type 2 and 3 surge protectors
- Wall mounting and hard wired connection
- Status indicators
- EN 61643-11, IEC 61643-11 and UL1449 4ed. compliance

Characteristics

CITEL Model		MSB10C-400
Description		Compact Type 2 hard wired surge protector
Network		230 V single phase
AC system		TT-TN
Protection mode(s)		CM/DM
Max. AC operating voltage	Uc	255 Vac
Max. Load current (if connection serie)	IL	16 A
Residual current - Leakage current at Uc	Ic	None
Temporary Over Voltage (TOV) Characteristics - 5 sec.	UT	335 Vac withstand
Temporary Over Voltage (TOV) Characteristics - 120 mn	UT	440 Vac disconnection
Nominal discharge current	In	3 kA
Max. discharge current -max. withstand @ 8/20 µs by pole	Imax	10 kA
Withstand on Combination waveform - Class III test	Uoc	6 kV
Withstand on overvoltages IEEE C62.41.1		10 kV/10 kA
Protection level CM/DM @In (8/20µs) and @ 6kV (1.2/50µs)	Up	1.5 kV/1.5 kV
Admissible short-circuit current	Iscrr	10 000 A
Associated disconnectors		
Thermal disconnector		internal
Installation ground fault breaker		Type «S» or delayed
Mechanical characteristics		
Dimensions		see diagram
Connection to Network		screw terminal
Voltage/operating indicator		Green led ON
Failsafe behavior		Disconnection and AC line cut-off
Disconnection indicator		Green led OFF
Mounting		Wall or plate
Operating temperature		-40/+85°C
Protection rating		IP20
Housing material		Thermoplastic UL94-V0
Standards compliance		IEC 61643-11 / EN 61643-11 / UL1449 ed.4
Certification		EAC
Part number		561301

