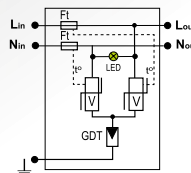
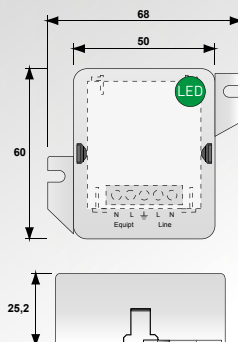


## Hard-wired AC Surge Protectors MSB10C series



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	I <sub>max</sub>	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	I <sub>sc</sub>	10 000 A
<b>Associated disconnectors</b>		
Thermal disconnector	internal	
Installation ground fault breaker	Type «S» or delayed	
<b>Mechanical characteristics</b>		
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	
<b>Part number</b>	561301	

