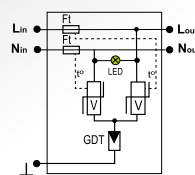
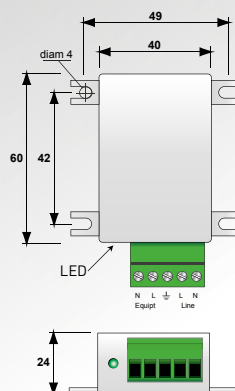


Hard-wired AC Surge Protectors MSB10V series



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		MSB10V-400	MSB10V-120
Description		Compact Type 2 hard wired surge protector	
Network		230 V single phase	120 V single phase
AC system		TT-TN	TT/TN
Protection mode(s)		CM/DM	CM/DM
Max. AC operating voltage	Uc	255 Vac	150Vac
Max. Load current (if connection serie)	IL	15 A	16 A
Residual current - <i>Leakage current at Uc</i>	Ic	None	None
Temporary Over Voltage (TOV) <i>Characteristics - 5 sec.</i>	UT	335 Vac withstand	180 Vac withstand
Temporary Over Voltage (TOV) <i>Characteristics - 120 mn</i>	UT	440 Vac disconnection	230 Vac disconnection
Nominal discharge current	In	3 kA	3 kA
Max. discharge current - <i>max. withstand @ 8/20 μs by pole</i>	Imax	10 kA	10 kA
Withstand on Combination waveform - <i>Class III test</i>	Uoc	6 kV	6 kV
Withstand on overvoltages <i>IEEE C62.41.1</i>		10 kV/10 kA	10 kV/10 kA
Protection level CM/DM <i>@In (8/20μs) and @ 6kV (1.2/50μs)</i>	Up	1.5 kV/1.5 kV	1 kV/1 kV
Admissible short-circuit current	Iscrr	10 000 A	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	IP20
Housing material		Thermoplastic UL94-V0	
Standards compliance		IEC 61643-11 / EN 61643-11 / UL1449 ed.4	
Certification		EAC	EAC
Part number		561101	561602

