



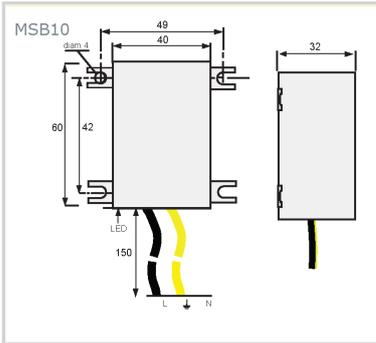
# CITEL



## Compact Type 2+3 hard wired surge protector

### MSB10-480(UL)

- ▶ Compact type 2 + 3 surge protector
- ▶ Wall mounting and hard wired connection
- ▶ Status indicators
- ▶ IP66
- ▶ UL1449 ed.5 certified
- ▶ EN 61643-11, IEC 61643-11 compliant



Electrical Characteristics		
SPD type	IEC	2+3
Network		347-480 Vac single-phase
AC system		TT-TN
Nominal line voltage	Un	480 V
Max. AC operating voltage	Uc	550 Vac
Temporary Over Voltage (TOV) Characteristics - 5 sec. <i>Without disconnection</i>	UT	700 Vac withstand
Temporary Over Voltage (TOV) Characteristics - 120 mn <i>Without disconnection or with safety disconnection</i>	UT	915 Vac disconnection
Follow current	If	None
Nominal discharge current <i>15 x 8/20 μs impulses</i>	In	3 kA
Max. discharge current <i>max. withstand @ 8/20 μs by pole</i>	Imax	10 kA
Withstand on Combination waveform IEC 61643-11 <i>Class III test: 1.2/50μs - 8/20μs</i>	Uoc	6 kV
Withstand on overvoltages IEEE C62.41.1		10 kV / 10 kA
Protection mode(s)		Common/Differential mode
Protection level L/N <i>@ In (8/20μs)</i>	Up L/N	1.8 kV
Protection level L/PE <i>@ In (8/20μs)</i>	Up L/PE	1.8 kV
Protection level CM/DM <i>@ In (8/20μs)</i>	Up mc /md	2 kV/2 kV
Admissible short-circuit current	Iscsr	10 000 A
Mechanical Characteristics		
Technology		MOV
Connection to Network		Wires
Mounting		Wall or plate
Housing material		Thermoplastic UL94 V-0
Operating temperature	Tu	-40/+85°C
Protection rating		IP66
Failsafe mode		Disconnection from AC network
Disconnection indicator		Green LED OFF
Operating indicator		Green Led ON
Dimensions		See diagram
Disconnectors		
Thermal disconnector		Internal
Installation ground fault breaker		Type 'S' or delayed
Standards		
Standards compliance		IEC 61643-11 / EN 61643-11 / UL1449 ed.5
Certification		UL
Part number		
<b>561801</b>		

