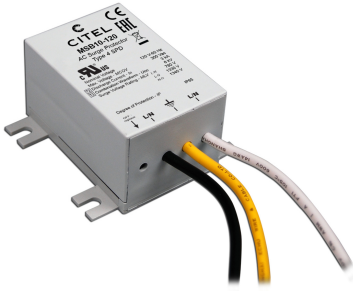




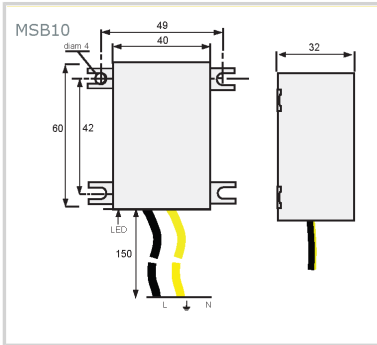
# CITEL



## Compact Type 2+3 hard wired surge protector

### MSB10-120(UL)

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



Electrical Characteristics		
SPD type	IEC	2+3
Network		120 V single-phase
AC system		TT-TN
Nominal line voltage	Un	120 Vac
Max. AC operating voltage	Uc	150 Vac
Temporary Over Voltage (TOV) Characteristics - 5 sec. Without disconnection	UT	180 Vac withstand
Temporary Over Voltage (TOV) Characteristics - 120 mn Without disconnection or with safety disconnection	UT	230 Vac disconnection
Follow current	If	None
Nominal discharge current 15 x 8/20 $\mu$ s impulses	In	3 kA
Max. discharge current max. withstand @ 8/20 $\mu$ s by pole	Imax	10 kA
Withstand on Combination waveform IEC 61643-11 Class III test: 1.2/50 $\mu$ s - 8/20 $\mu$ s	Uoc	6 kV
Withstand on overvoltages IEEE C62.41.1		10 kV / 10 kA
Protection mode(s)		Common/Differential mode
Protection level L/N @ In (8/20 $\mu$ s)	Up L/N	1 kV
Protection level L/PE @ In (8/20 $\mu$ s)	Up L/PE	1 kV
Admissible short-circuit current	Iscrr	10 000 A
Mechanical Characteristics		
Technology		MOV+GDT
Connection to Network		Wires
Mounting		Wall or plate
Housing material		Thermoplastic UL94 V-0
Operating temperature	Tu	-40/+85°C
Protection rating		IP65
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
Certification		UL
Environmental standards		EU RoHS
Part number		
<b>561601</b>		

