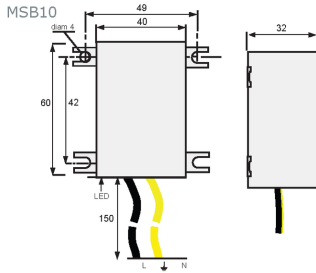


MSB10-120(UL)



- ✦ 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 µs impulses	In	3 kA
Max. discharge current max. withstand @ 8/20 µs by pole	Imax	10 kA
Withstand on Combination waveform IEC 61643-11 Class III test: 1.2/50µs - 8/20µs	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 (8/20µs)	Up L/N	1 kV
Protection level L/PE @ In (8/20µs)	Up L/PE	1 kV
Admissible short-circuit current	Iscrc	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
Voltage/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
Part number		
561601		