



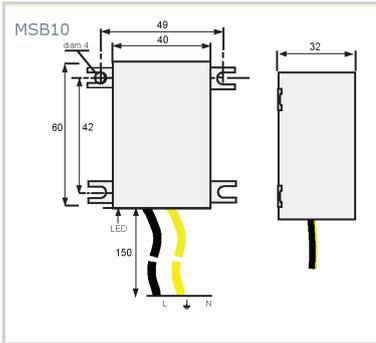
CITEL

Compact Type 2+3 hard wired surge protector

MSB10-400(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	
Network	230 V single-phase
AC system	TT-TN
Nominal line voltage	Un 230 V
Max. AC operating voltage	Uc 300 Vac
Temporary Over Voltage (TOV) Characteristics - 5 sec. Without disconnection	UT 335 Vac withstand
Temporary Over Voltage (TOV) Characteristics - 120 mn Without disconnection or with safety disconnection	UT 440 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 1.2 kV
Protection level L/PE <i>@ In (8/20μs)</i>	Up L/PE 1.2 kV
Admissible short-circuit current	Iscrc 10 000 A
Mechanical Characteristics	
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
Weight	0.116 kg
Disconnectors	
Thermal disconnector	Internal
Installation ground fault breaker	Type 'S' or delayed
Standards	
Certification	UL
Part number	
561501	

