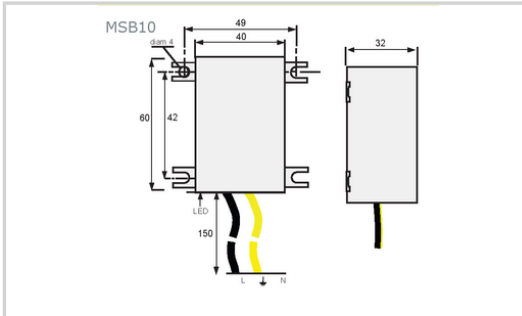


MSB10-480(UL)



- 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	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. Without disconnection	UT 700 Vac withstand
Temporary Over Voltage (TOV) Characteristics - 120 mn Without disconnection or with safety disconnection	UT 915 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 1.8 kV
Protection level L/PE @ In (8/20μs)	Up L/PE 1.8 kV
Protection level CM/DM @ In (8/20μs)	Up mc /md 2 kV/2 kV
Admissible short-circuit current	Iscrc 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
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 / UL1449 ed.5
Certification	UL / EAC
Part number	
561801	