



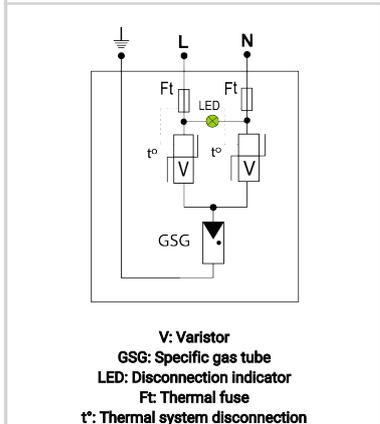
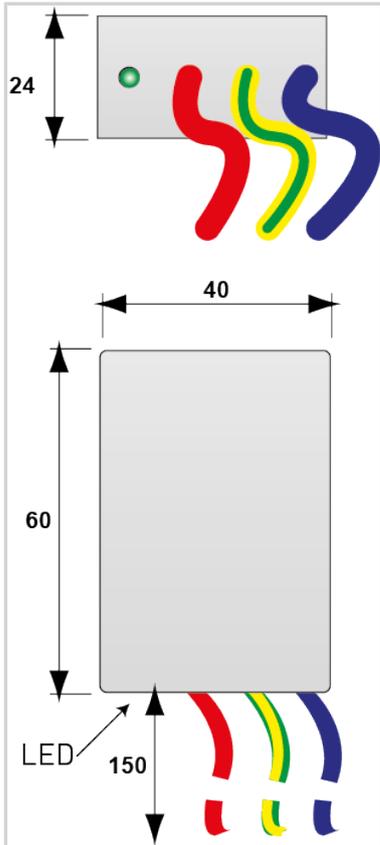
CITEL

Compact Type 2+3 hard wired surge protector

MSB10-24



- ▶ Compact type 2+3 or type 3 SPD
- ▶ Ready-to-connect cables
- ▶ Status signaling
- ▶ For 24 Vdc or 24 Vac
- ▶ Protection class IP20
- ▶ Complies with IEC 61643-11 and EN 61643-11 standards



Electrical Characteristics

SPD type	IEC	2+3
Network		24V supply
Nominal line voltage	Un	24 Vac
Max. AC operating voltage	Uc	30 Vac
Max. DC operating voltage	Uc	38 Vdc
Follow current	If	None
Nominal discharge current <i>15 x 8/20 μs impulses</i>	In	1 kA
Max. discharge current <i>max. withstand @ 8/20 μs by pole</i>	Imax	2 kA
Withstand on Combination waveform IEC 61643-11 <i>Class III test: 1.2/50μs - 8/20μs</i>	Uoc	3 kV
Protection mode(s)		Common/Differential mode
Protection level <i>@ In (8/20μs) and (1,2/50μs)</i>	UP L/N	200 V
Protection level <i>@ In (8/20μs) and (1,2/50μs)</i>	UP L/PE	200 V

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		IP20
Failsafe mode		Disconnection from AC network
Disconnection indicator		Green LED OFF
Operating indicator		Green Led ON
Dimensions		See diagram

Disconnectors

Thermal disconnector		Internal
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Standards

Standards compliance		IEC 61643-11 / EN 61643-11
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Certification

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Part number

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