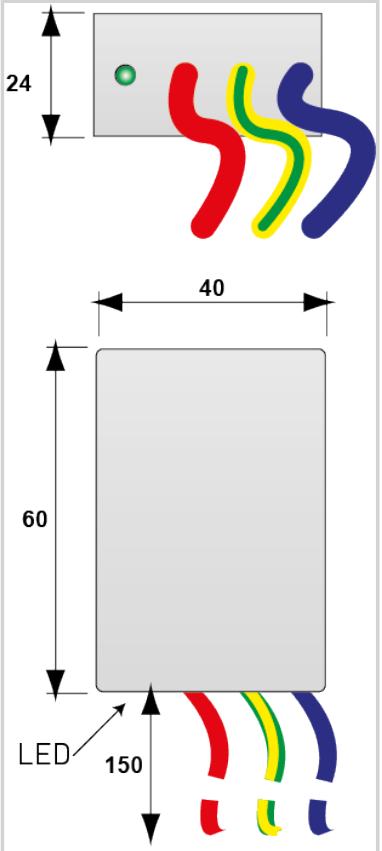
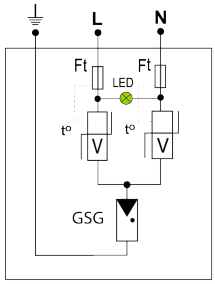
Compact Type 2+3 hard wired surge protector

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





V: Varistor
GSG: Specific gas tube
LED: Disconnection indicator
Ft: Thermal fuse
t°: Thermal system disconnection

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 *15 x 8/20 µs impulses*	In	1 kA
Max. discharge current *max. withstand @ 8/20 µs by pole*	Imax	2 kA
Withstand on Combination waveform IEC 61643-11 *Class III test: 1.2/50µs - 8/20µs*	Uoc	3 kV
Protection mode(s)		Common/Differential mode
Protection level *@ In (8/20µs) and (1,2/50µs)*	UP L/N	200 V
Protection level *@ In (8/20µs) and (1,2/50µs)*	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
Standards		
Standards compliance		IEC 61643-11 / EN 61643-11
Certification		
Part number		
561321		