



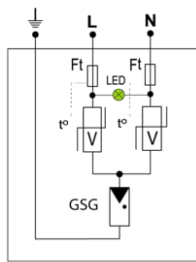
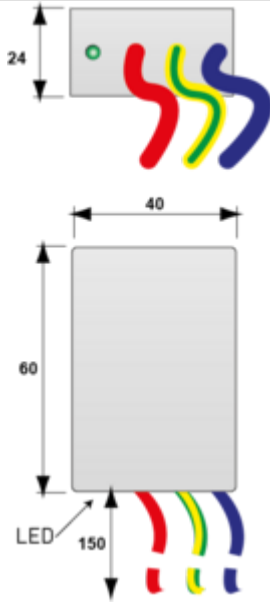
# Compact Type 2+3 hard wired surge protector

# CITEL

## 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	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
Voltage/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	

