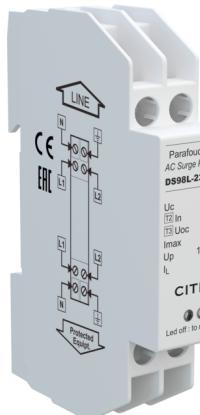




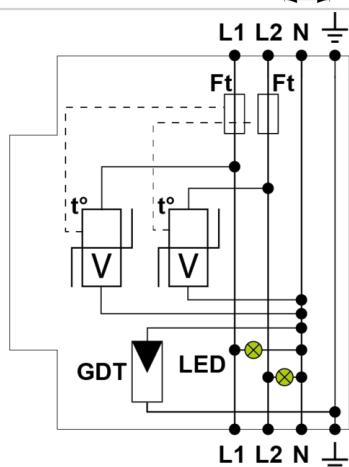
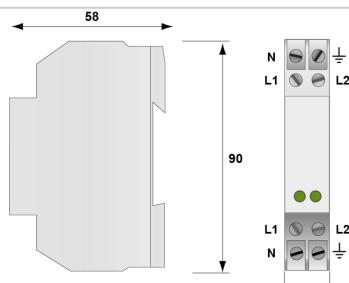
# CITEL

## Compact single-phase type 2 (or 3) surge protector - Monobloc

### DS98L-230G/2L



- Cost effective single-phase surge protector
- Safety disconnection in-line
- Double connection in series
- Common/Differential mode



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

#### Electrical Characteristics

SPD type	IEC	2 (or 3)
Network		2-phase + N 230 V
AC system		TT-TN
Nominal line voltage	Un	230 Vac
Max. AC operating voltage	Uc	275 Vac
Max. load current @25°C	IL	8 A
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 withstand
Follow current	If	None
Nominal discharge current 15 x 8/20 µs impulses	In	5 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	10 kV
Withstand on overvoltages IEEE C62.41.1		10 kV
Connection mode(s)		L/N/PE
Protection mode(s)		Common/Differential mode
Protection level L/N @ In (8/20µs)	Up L/N	1 kV
Protection level N/PE @ In (8/20µs)	Up N/PE	1.5 kV
Admissible short-circuit current	Isccr	10 000 A

#### Mechanical Characteristics

SPD configuration	2-phase+N
Connection to Network	By screw terminals: 2.5mm <sup>2</sup> max.
Format	Monobloc modular box
Mounting	Symmetrical rail 35 mm (EN 60715)
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
Remote signaling of disconnection	No
Dimensions	See diagram
Weight	0.069 kg

#### Disconnectors

Thermal disconnector	Internal
Installation ground fault breaker	Type 'S' or delayed
Back-up protection device	Fuse type gg - 16 A

#### Standards

Standards compliance	IEC 61643-11 / EN 61643-11 / UL1449 ed.5
Certification	
Part number	

351933

