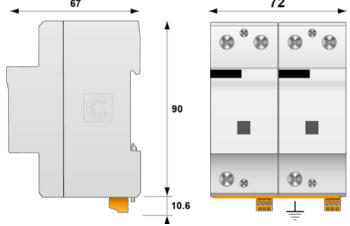
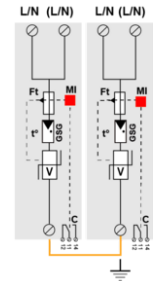


DS252VG-300



- Type 1+2+3 unipolar surge protector
- 25 kA on 10/350µs impulse
- Low voltage Up
- Internal disconnection, status indicator and remote signaling
- Optimized to TOV
- IEC 61643-11 and UL1449 ed.5 compliance



	Electrical Characteristics	
	SPD type	1+2+3
	Network	230 V single-phase
	AC system	TN
	Nominal line voltage	Un 230 Vac
	Max. AC operating voltage	Uc 255 Vac
	Max. load current if series connection	IL 100 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 770 Vac withstand
	Residual Current Leakage current to Ground	Ipe None
	Follow current	If None
	Nominal discharge current 15 x 8/20 µs impulses	In 30 kA
	Max. discharge current max. withstand @ 8/20 µs by pole	I _{max} 70 kA
	Impulse current by pole max. withstand 10/350µs by pole	I _{imp} 25 kA
	Total lightning current max. total withstand @ 10/350µs	I _{total} 50 kA
	Withstand on Combination waveform IEC 61643-11 Class III test: 1.2/50µs - 8/20µs	Uoc 20 kV
	Withstand on overvoltages IEEE C62.41.1	20 kV
	Specific energy by pole max. withstand 10/350 µs	W/R 156 kJ/ohm
	Connection mode(s)	L/PE and N/PE
	Protection mode(s)	Common mode/Differential mode
	Residual voltage @ In (8/20 µs)	Up-in 1.1 kV
	Protection level N/PE @ In (8/20µs)	Up N/PE 1.5 kV
	Protection level L/PE @ In (8/20µs)	Up L/PE 1.5 kV
	Admissible short-circuit current	I _{sc} 50 000 A
	Mechanical Characteristics	
	Technology	VG Technology (MOV+GSG)
	SPD configuration	Single phase
	Connection to Network	By screw terminals: 6-35mm ² / by bus
	Format	1-pole modular box assembled
	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	1 mechanical indicator by pole
	Remote signaling of disconnection	Output on changeover contact
	Dimensions	See diagram
	Disconnectors	
	Thermal disconnecter	Internal
	Installation ground fault breaker	Type 'S' or delayed
	Fuses	Fuse assembly: SFD1-25-20S / or Fuses Type gG 315 A
	Standards	
	Standards compliance	IEC 61643-11 / EN 61643-11 / UL1449 ed.5
	Certification	UL Recognized
	Part number	
	3469	