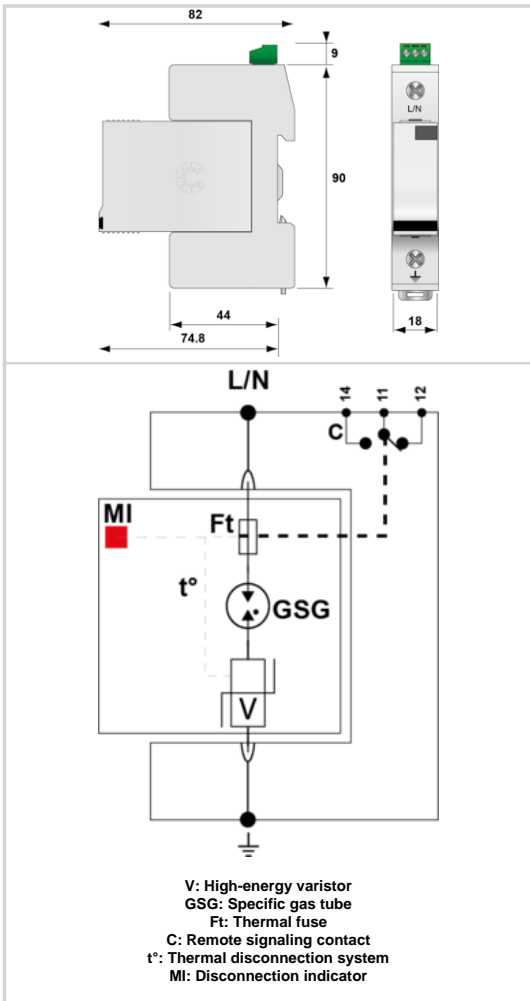


DS131VGS-230



- Type 1 + 2 + 3 AC surge protector
- In : 20 kA
- Iimp : 12,5 kA on 10/350µs impulse
- Pluggable module
- Optimized to TOV
- Remote signaling
- EN 61643-11, IEC 61643-11 and UL1449 ed.4 compliance



Electrical Characteristics	
SPD type (following IEC tests)	1+2+3
Network	230/400 V
Max. AC operating voltage	Uc 275 Vac
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
Residual Current (Leakage current to Ground)	Ipe None
Follow current	If None
Nominal discharge current (15 x 8/20 µs impulses)	In 20 kA
Max. discharge current (max. withstand @ 8/20 µs by pole)	I _{max} 50 kA
Impulse current by pole (max. withstand 10/350µs by pole)	I _{imp} 12.5 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 40 kJ/ohm
Connection mode(s)	L/N or N/PE
Protection mode(s)	Common Mode or Differential Mode
Protection level (@ In (8/20µs))	Up 1.25 kV
Residual voltage (@ In (8/20 µs))	Up-in 0.6 kV
Admissible short-circuit current	I _{scrc} 25 000 A
Mechanical Characteristics	
Technology	VG Technology (MOV+GSG)
SPD configuration	1-pole
Connection to Network	By screw terminals: 2.5-25 mm ² / by bus
Format	Plug-in 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
Disconnection indicator	1 mechanical indicator
Spare module(s)	DSM130V/G-230
Remote signaling of disconnection	Output on changeover contact
Dimensions	See diagram
Disconnectors	
Thermal disconnector	Internal
Installation ground fault breaker	Type 'S' or delayed
Fuses	Fuses Type gG - 125 A
Standards	
Standards compliance	IEC 61643-11 / EN 61643-11 / UL1449 ed.4
Certification	UL / EAC / TÜV
Part number	
571571	

