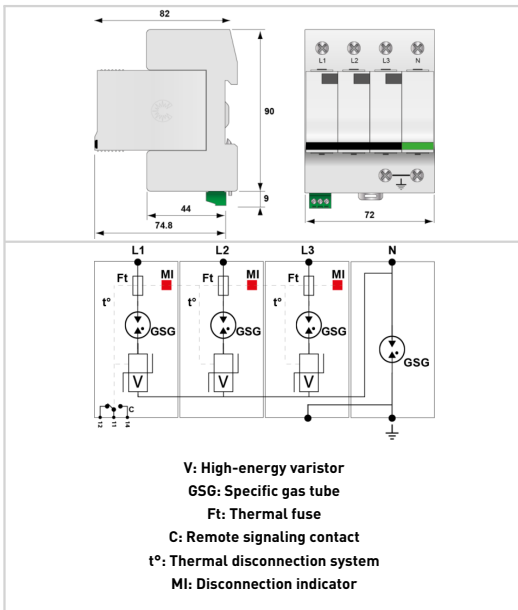




DS134VGS-230/G



- Type 1 + 2 + 3 AC surge protector
- In : 20 kA
- Iimp total : 50 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 3-phase+N
AC system		TT-TNS
Max. AC operating voltage L-N	Uc	275 Vac
Temporary Over Voltage (TOV) Characteristics - 5 sec. (Without disconnection)	UT	180 Vac withstand
Temporary Over Voltage (TOV) Characteristics - 120 mn (Without disconnection or with safety disconnection)	UT	230 Vac withstand
Temporary Over Voltage N/PE (TOV HT) (Without disconnection or with safety disconnection)	UT	1200 V/300A/200 ms 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)	Imax	50 kA
Impulse current by pole(max. withstand 10/350µs by pole)	Iimp	12.5 kA
Total lightning current(max. total withstand @ 10/350µs)	Itotal	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	40 kJ/ohm
Connection mode(s)		L/N and N/PE
Protection mode(s)		Common/Differential mode
Residual voltage (@ In (8/20 µs))	Up-in	0.6 kV
Protection level L/N (@ In (8/20µs))	Up L/N	1.25 kV
Admissible short-circuit current	Iscrr	25000 A

Mechanical Characteristics

Technology		VG
SPD configuration		3-phase+Neutral
Connection to Network		By screw terminals: 2.5-25 mm ² / by bus
Format		Plug-in modular box
Mounting		Symmetrical rail 35 mm (DIN 60715)
Housing material		Thermoplastic UL94-V0
Operating temperature	Tu	-40/+85°C
Protection rating		IP20
Failsafe mode		Disconnection
Disconnection indicator		1 mechanical indicator by pole
Spare module(s)		DSM130VG-230 + DSM130VG-230/G
Remote signaling of disconnection		Output on changeover contact

Disconnectors

Thermal disconnecter		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 4ed.
Certification		UL / EAC / TÜV

Part number

571584

