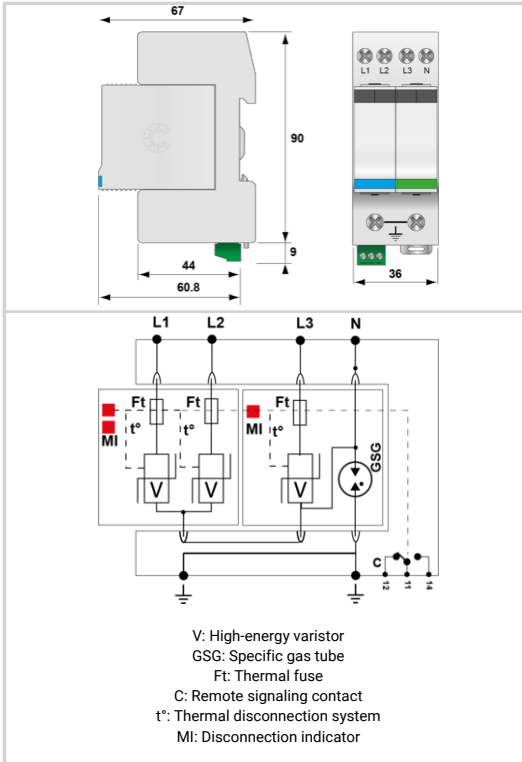


## DS415S-320/G



- ▶ Compact 3-phase+N type 2 (or 3) surge protector
- ▶ In : 5 kA
- ▶ Imax : 15 kA
- ▶ Common/Differential mode
- ▶ Pluggable module
- ▶ Remote signaling
- ▶ EN 61643-11, CEI 61643-11, UL1449 ed.3 compliance



Electrical Characteristics	
SPD type	2 (or 3)
Network	230/400 V 3-phase
AC system	TT-TN
Nominal line voltage	Un 230 Vac
Max. AC operating voltage	Uc 320 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 disconnection
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 5 kA
Max. discharge current max. withstand @ 8/20 μs by pole	Imax 15 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 and N/PE
Protection mode(s)	Common/Differential mode
Residual voltage at 5 kA @ 5 kA (8/20μs)	Up-5kA 1.5/1 kV
Protection level CM/DM @ In (8/20μs)	Up mc /md 1.5/1 kV
Admissible short-circuit current	Iscrc 10 000 A
Mechanical Characteristics	
Technology	MOV
SPD configuration	3-phase+Neutral
Connection to Network	By screw terminals: 1.5-10mm <sup>2</sup> (L/N) or 2.5-25mm <sup>2</sup> (PE)
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 from AC network
Disconnection indicator	3 mechanical indicators
Spare module(s)	DSM415-320/G + DSM415-320/GPE
Remote signaling of disconnection	Output on changeover contact
Dimensions	See diagram
Disconnectors	
Thermal disconnector	Internal
Installation ground fault breaker	Type 'S' or delayed
Fuses	20 A min. - 125 A max. - Fuses type gG
Standards	
Standards compliance	IEC 61643-11 / EN 61643-11 / UL1449 ed.5
Certification	
Part number	
451932	