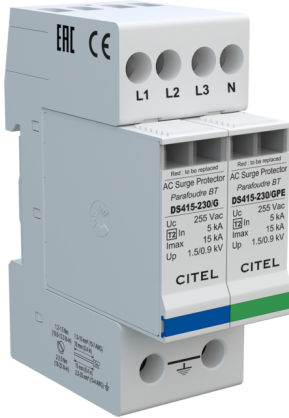




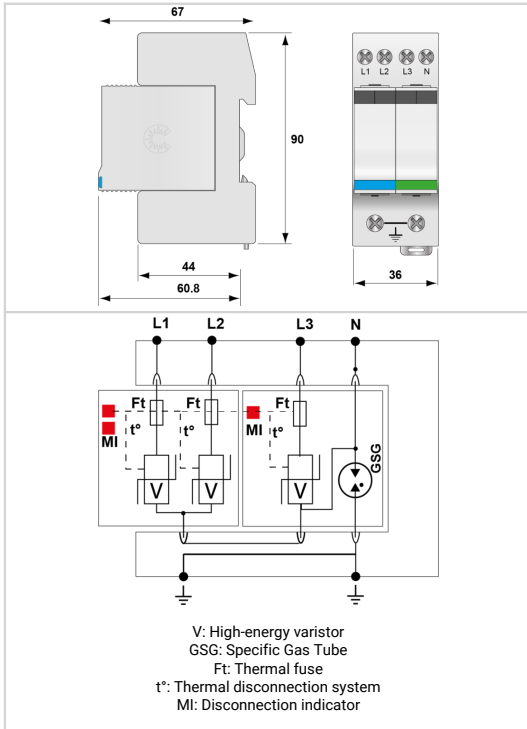
# Compact 3-phase+N Type 2 surge protector - 230/400 V - Pluggable

# CITEL

## DS415-230/G



- ✦ Discover our latest innovation : the [DAC15C-31-275](#)
- ✦ Compact 3-phase+N type 2 (or 3) surge protector
- ✦ In : 5 kA
- ✦ Imax : 15 kA
- ✦ Common/Differential mode
- ✦ Pluggable module
- ✦ Remote signaling option
- ✦ EN 61643-11, CEI 61643-11, UL1449 ed.5 compliance



Electrical Characteristics			
SPD type	IEC		2 (or 3)
Network			230/400 V 3-phase
AC system			TT-TN
Nominal line voltage	Un		230 Vac
Max. AC operating voltage	Uc		255 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
Total Maximum discharge current max. total withstand @ 8/20 µs	Imax Total		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		1.5/0.9 kV
Protection level L/N @ In (8/20µs)	Up L/N		0.9 kV
Protection level N/PE @ In (8/20µs)	Up N/PE		1.5 kV
Protection level CM/DM @ In (8/20µs)	Up mc/md		1.5/0.9 kV
Admissible short-circuit current	Isccr		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)			DSM415-230/G + DSM415-230/GPE
Remote signaling of disconnection			Option DS415S-230/G : output on changeover contact
Dimensions			See diagram
Weight			0.217 kg
Disconnectors			
Thermal disconnector			Internal
Installation ground fault breaker			Type 'S' or delayed
Back-up protection device			20 A min. - 125 A max. - Fuses type gG
Standards			
Standards compliance			IEC 61643-11 / EN 61643-11 / UL1449 ed.5
Part number			
451722			

