

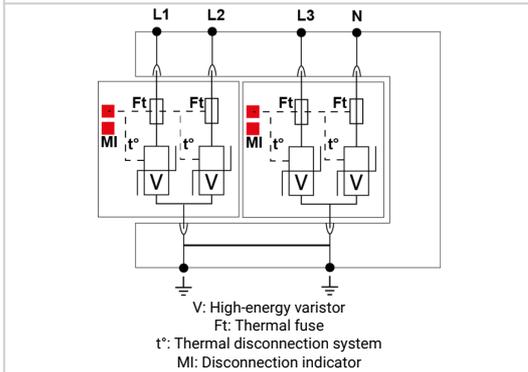
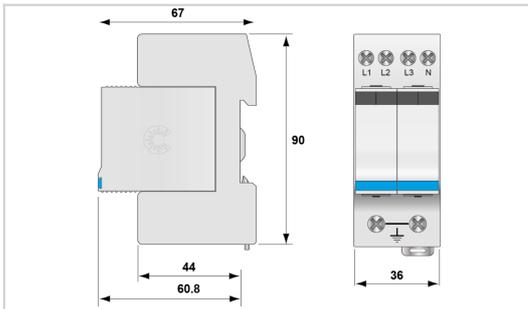


CITEL

DS415-230



- ✦ Discover our latest innovation : the [DAC15C-40-275](#)
- ✦ Compact 3-phase+N type 2 (or 3) surge protector
- ✦ In: 5 kA
- ✦ I_{max}: 15 kA
- ✦ Common mode
- ✦ Pluggable module
- ✦ Remote signaling option
- ✦ EN 61643-11, IEC 61643-11, UL1449 ed.5 compliance



Electrical Characteristics			
SPD type	IEC		2+3
Network			230/400 V 3-phase
AC system			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
Residual Current Leakage current to Ground	I _{pe}		< 0.5 mA
Follow current	If		None
Nominal discharge current 15 x 8/20 μs impulses	I _n		5 kA
Max. discharge current max. withstand @ 8/20 μs by pole	I _{max}		15 kA
Withstand on Combination waveform IEC 61643-11 Class III test: 1.2/50μs - 8/20μs	U _{oc}		10 kV
Withstand on overvoltages IEEE C62.41.1			10 kV
Connection mode(s)			L/N and N/PE
Protection mode(s)			Common mode
Residual voltage at 5 kA @ 5 kA (8/20μs)	U _{p-5kA}		0.9 kV
Protection level CM/DM @ I _n (8/20μs)	U _{p mc/md}		0.9 kV
Admissible short-circuit current	I _{scrc}		10 000 A
Mechanical Characteristics			
Technology			MOV
SPD configuration			3-phase+Neutral
Connection to Network			By screw terminals: 1.5-10mm ² (L/N) or 2.5-25mm ² (PE)
Format			Plug-in modular box
Mounting			Symmetrical rail 35 mm (EN 60715)
Housing material			Thermoplastic UL94 V-0
Operating temperature	T _u		-40/+85°C
Protection rating			IP20
Failsafe mode			Disconnection from AC network
Disconnection indicator			4 mechanical indicators
Spare module(s)			DSM415-230
Remote signaling of disconnection			Option DS415S-230 : output on changeover contact
Dimensions			See diagram
Disconnectors			
Thermal disconnector			Internal
Installation ground fault breaker			Type 'S' or delayed
Back-up protection device			20 A / 40 A (gL/gG)
Standards			
Standards compliance			IEC 61643-11 / EN 61643-11 / UL1449 ed.5
Certification			
Part number			
451702			

