



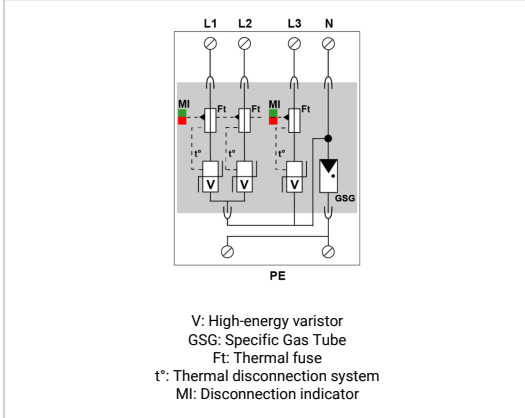
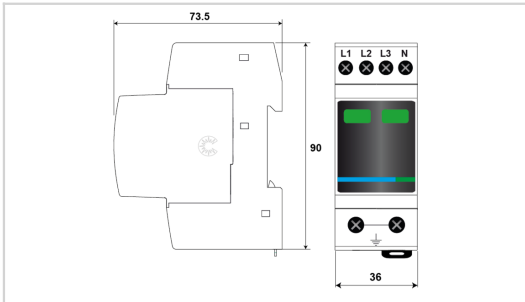
CITEL

Type 2 (or 3) AC surge protector - 3-phase+N

DAC15C-31-320



- ✦ Compact 3-phase+N Type 2 (or 3) surge protector
- ✦ In : 5 kA
- ✦ Imax : 15 kA
- ✦ Common mode/differential
- ✦ Pluggable module
- ✦ Remote signaling (option)
- ✦ EN 61643-11, IEC 61643-11 certified
- ✦ UL1449 ed.5 compliance



Electrical Characteristics			
SPD type	IEC		2 (or 3)
Network			230/400 V
AC system			TT-TN
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
Total Maximum discharge current max. total withstand @ 8/20 µs	Imax Total		40 kA
Withstand on Combination waveform IEC 61643-11 Class III test: 1.2/50µs - 8/20µs	Uoc		10 kV
Protection mode(s)			L/PE and L/N
Protection level L/N @ In (8/20µs)	Up L/N		1.1 kV
Protection level L/PE @ In (8/20µs)	Up L/PE		1.5 kV
Admissible short-circuit current	Iscrcr		10 000 A
Mechanical Characteristics			
Technology			MOV+GDT
SPD configuration			3-phase+Neutral
Connection to Network			By screw terminals: L/N = 1.5-10mm ² (16mm ² rigid) or PE = 2.5-25mm ² (35mm ² rigid)
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			2 mechanical indicators - Red/Green
Spare module(s)			MDAC15C-31-320
Remote signaling of disconnection			Option DAC15CS-31-320: output on changeover contact
Dimensions			See diagram - 2TE (EN43880)
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
Certification			KEMA
Part number			
821620312			

