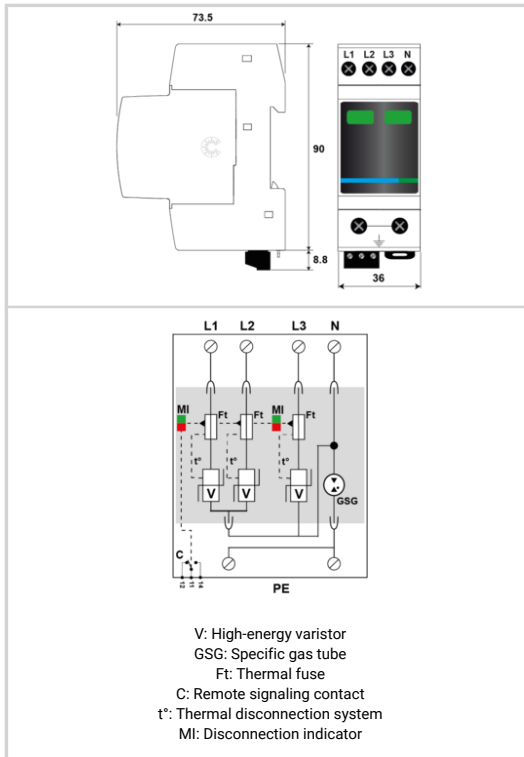


DAC15CS-31-320



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



Electrical Characteristics	
SPD type	2 (or 3)
Network	230/400 V
AC system	TT-TNS
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	Iscrr 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)	MDAC15CS-31-320
Remote signaling of disconnection	Output on changeover contact
Wiring for remote signaling	1.5 mm ² max.
Max. Voltage/Current for remote signaling	250 V / 0.5 A (AC) / 30 V / 3 A (DC)
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	
821620322	