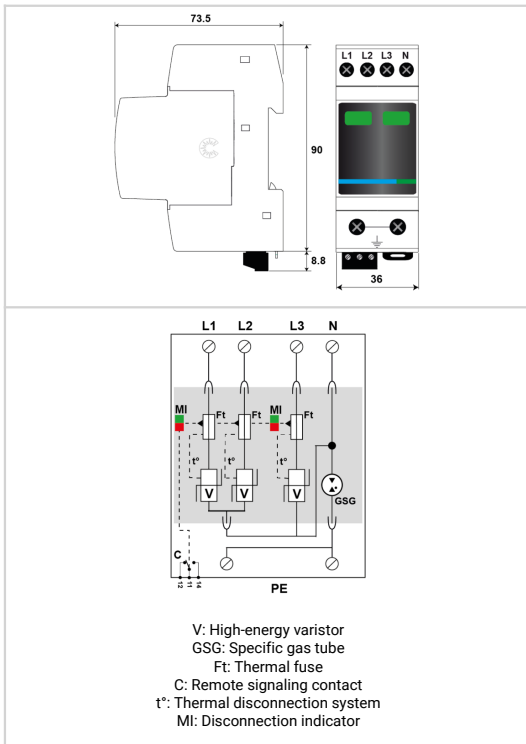


## DAC15CS-31-150



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



Electrical Characteristics			
SPD type	IEC		2 (or 3)
Network			120/208 V
AC system			TT-TNS
Max. AC operating voltage	U <sub>c</sub>		150 Vac
Temporary Over Voltage (TOV) Characteristics - 5 sec. Without disconnection	UT		180 Vac withstand
Temporary Over Voltage (TOV) Characteristics - 120 mn Without disconnection or with safety disconnection	UT		230 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	I <sub>pe</sub>	None	
Follow current	I <sub>f</sub>	None	
Nominal discharge current 15 x 8/20 μs impulses	I <sub>n</sub>		5 kA
Max. discharge current max. withstand @ 8/20 μs by pole	I <sub>max</sub>		15 kA
Total Maximum discharge current max. total withstand @ 8/20 μs	I <sub>max</sub> Total		40 kA
Withstand on Combination waveform IEC 61643-11 Class III test: 1.2/50μs - 8/20μs	U <sub>oc</sub>		10 kV
Protection mode(s)			L/PE and L/N
Protection level L/N @ I <sub>n</sub> (8/20μs)	U <sub>p</sub> L/N		0.6 kV
Protection level L/PE @ I <sub>n</sub> (8/20μs)	U <sub>p</sub> L/PE		1.5 kV
Admissible short-circuit current	I <sub>sc</sub>		10 000 A
Mechanical Characteristics			
Technology			MOV+GDT
SPD configuration			3-phase+Neutral
Connection to Network			By screw terminals: L/N = 1.5-10mm <sup>2</sup> (16mm <sup>2</sup> rigid) or PE = 2.5-25mm <sup>2</sup> (35mm <sup>2</sup> rigid)
Format			Plug-in modular box
Mounting			Symmetrical rail 35 mm (EN 60715)
Housing material			Thermoplastic UL94 V-0
Operating temperature	T <sub>u</sub>		-40/+85°C
Protection rating			IP20
Failsafe mode			Disconnection from AC network
Disconnection indicator			2 mechanical indicators - Red/Green
Spare module(s)			MDAC15C-31-150
Remote signaling of disconnection			Output on changeover contact
Wiring for remote signaling			1.5 mm <sup>2</sup> 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			
821620122			