



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

CITEL

DAC15CS-30-150



- ▶ Compact 3-phase Type 2 (or 3) surge protector
- ▶ In: 5 kA
- ▶ I_{max}: 15 kA
- ▶ Common mode
- ▶ Pluggable module
- ▶ Remote signaling
- ▶ IEC 61643-11, EN 61643-11, UL1449 ed.5 compliance



	Electrical Characteristics		
	SPD type	2 (or 3)	
<p>V: High-energy varistor Ft: Thermal fuse C: Remote signal contact t*: Thermal disconnection system MI: Disconnection indicator</p>	Network	120/208 V	
	AC system	TN	
	Max. AC operating voltage	U _c	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
	Residual Current Leakage current to Ground	I _{pe}	< 1 mA
	Follow current	I _f	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
	Total Maximum discharge current max. total withstand @ 8/20 μs	I _{max} Total	60 kA
	Withstand on Combination waveform IEC 61643-11 Class III test: 1.2/50μs - 8/20μs	U _{oc}	10 kV
	Protection mode(s)		L/PE
	Protection level N/PE @ I _n (8/20μs)	Up N/PE	0.6 kV
	Protection level L/PE @ I _n (8/20μs)	Up L/PE	0.6 kV
	Admissible short-circuit current	I _{sc}	10 000 A
	Mechanical Characteristics		
	Technology		MOV
	SPD configuration		3-phase
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	T _u	-40/+85°C	
Protection rating		IP20	
Failsafe mode		Disconnection from AC network	
Disconnection indicator		2 mechanical indicators - Red/Green	
Spare module(s)		MDAC15C-30-150	
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)	
Weight		0.211 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			
821610123			

