



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

# CITEL

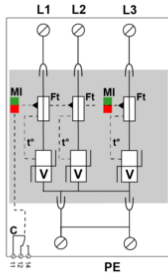
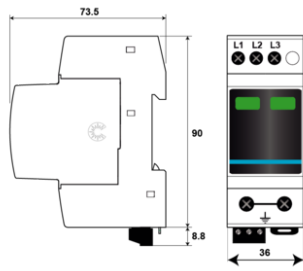
## DAC15CS-30-150



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



	<b>Electrical Characteristics</b>	
	SPD type	2 (or 3)
	Network	120/208 V
	AC system	TN
	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
	Residual Current Leakage current to Ground	I <sub>pe</sub> < 1 mA
	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 60 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
	Protection level N/PE @ I <sub>n</sub> (8/20μs)	Up N/PE 0.6 kV
	Protection level L/PE @ I <sub>n</sub> (8/20μs)	Up L/PE 0.6 kV
	Admissible short-circuit current	I <sub>sc</sub> 10 000 A
	<b>Mechanical Characteristics</b>	
	Technology	MOV
	SPD configuration	3-phase
	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-30-150
	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)
	Weight	0.211 kg
	<b>Disconnectors</b>	
	Thermal disconnector	Internal
	Installation ground fault breaker	Type 'S' or delayed
	Back-up protection device	20 A min. - 125 A max. - Fuses type gG
	<b>Standards</b>	
	Standards compliance	IEC 61643-11 / EN 61643-11 / UL1449 ed.5
	<b>Part number</b>	
	<b>821610123</b>	



V: High-energy varistor  
 Ft: Thermal fuse  
 C: Remote signal contact  
 t\*: Thermal disconnection system  
 MI: Disconnection indicator

