



## Type 2 AC surge protector - 3-phase

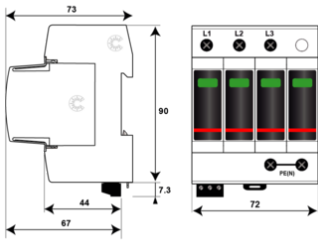
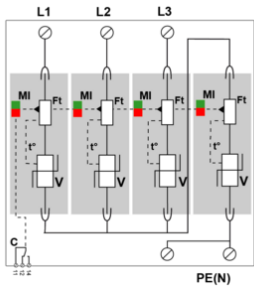
# CITEL

### DAC50S-31Y-880



- ↳ Type 2 AC surge protector
- ↳ In: 20 kA
- ↳ Imax: 50 kA
- ↳ Pluggable module for each phase
- ↳ Remote signaling
- ↳ UL1449 ed.5 certified
- ↳ EN 61643-11, IEC 61643-11 compliance



	<b>Electrical Characteristics</b>		
	SPD type	2	
 <p>V: Varistor Ft: Thermal fuse t*: Thermal disconnection system C: Remote signal contact</p>	Network	Equal or less than 800 Vac	
	AC system	TNC-IT	
	Max. AC operating voltage	Uc	880 Vac
	Temporary Over Voltage (TOV) Characteristics - 5 sec. Without disconnection	UT	1160 Vac withstand
	Temporary Over Voltage (TOV) Characteristics - 120 mn Without disconnection or with safety disconnection	UT	1385 Vac disconnection
	Residual Current Leakage current to Ground	Ipe	< 1 mA
	Follow current	If	None
	Nominal discharge current 15 x 8/20 μs impulses	In	20 kA
	Max. discharge current max. withstand @ 8/20 μs by pole	Imax	50 kA
	Protection level @ In (8/20 μs)	Up	4.0 kV
Admissible short-circuit current	Iscsr	50 000 A	
<b>Mechanical Characteristics</b>			
Technology		MOV	
SPD configuration		3-phase	
Connection to Network		By screw terminals: 2.5-25mm <sup>2</sup>	
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		1 mechanical indicator by pole - Red/Green	
Spare module(s)		MDAC50-Y-880	
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 / 2 A (DC)	
Dimensions		See diagram - 4TE (EN43880)	
Weight		0.410 kg	
<b>Disconnectors</b>			
Thermal disconnector		Internal	
Installation ground fault breaker		Type 'S' or delayed	
Back-up protection device		50 A min. - 125 A max. - Fuses Type gG	
<b>Standards</b>			
Standards compliance		IEC 61643-11 / EN 61643-11 / UL1449 ed.5	
Certification		UL Recognized	
<b>Part number</b>			
821151044			

