



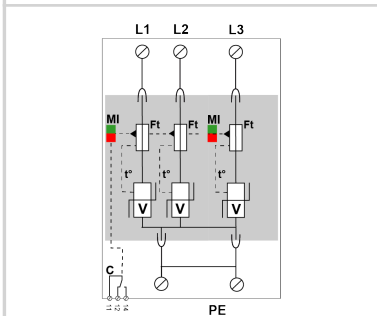
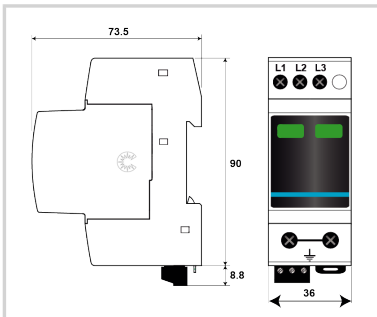
# CITEL

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

### DAC15CS-30-320



- ▶ 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



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

#### Electrical Characteristics

SPD type	IEC	2+3
Network		480 V 3-phase
AC system		TN
Max. AC operating voltage	U <sub>c</sub>	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
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: 1.2/50 μs - 8/20 μs	U <sub>oc</sub>	10 kV
Protection mode(s)		L/PE
Protection level N/PE @ I <sub>n</sub> (8/20 μs)	U <sub>p</sub> N/PE	1.1 kV
Protection level L/PE @ I <sub>n</sub> (8/20 μs)	U <sub>p</sub> L/PE	1.1 kV
Admissible short-circuit current	I <sub>sc</sub>	10 000 A

#### Mechanical Characteristics

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-30-320
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
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#### Part number

<b>821610323</b>		
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