



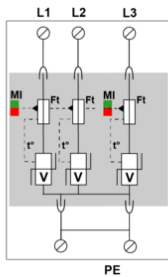
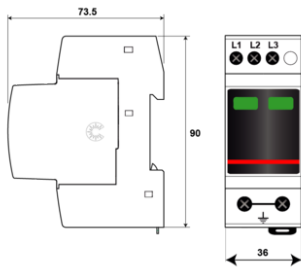
## Type 2 AC surge protector - 3-phase

# CITEL

## DAC40C-30-320



- Compact 3-phase Type 2 surge protector
- In : 20 kA
- I<sub>max</sub> : 40 kA
- Common mode/differential
- Pluggable module
- Remote signaling option
- EN 61643-11, IEC 61643-11, UL1449 ed.5 compliance



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

### Electrical Characteristics

SPD type	IEC	2
Network		230/400 V
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>	20 kA
Max. discharge current max. withstand @ 8/20 μs by pole	I <sub>max</sub>	40 kA
Total Maximum discharge current max. total withstand @ 8/20 μs	I <sub>max</sub> Total	160 kA
Protection mode(s)		L/PE and N/PE
Protection level N/PE @ I <sub>n</sub> (8/20 μs)	U <sub>p</sub> N/PE	1.5 kV
Protection level L/PE @ I <sub>n</sub> (8/20 μs)	U <sub>p</sub> L/PE	1.5 kV
Admissible short-circuit current	I <sub>sccr</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)		MDAC40C-30-320
Remote signaling of disconnection		Option DAC40CS-30-320: output on changeover contact
Dimensions		See diagram - 2TE (EN43880)
Weight		0.229 kg

### Disconnectors

Thermal disconnecter		Internal
Installation ground fault breaker		Type 'S' or delayed
Back-up protection device		50 A min. - 125 A max. - Fuses Type gG

### Standards

Standards compliance		IEC 61643-11 / EN 61643-11 / UL1449 ed.5
----------------------	--	--

### Part number

821510313		
-----------	--	--

