



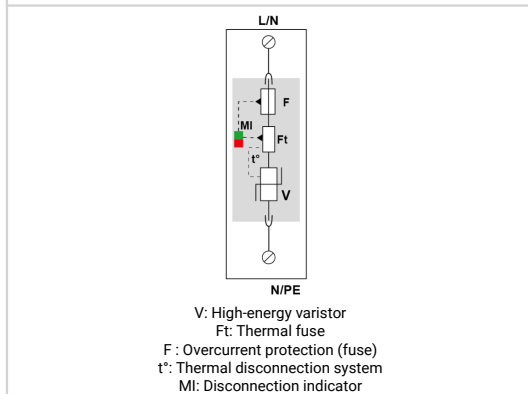
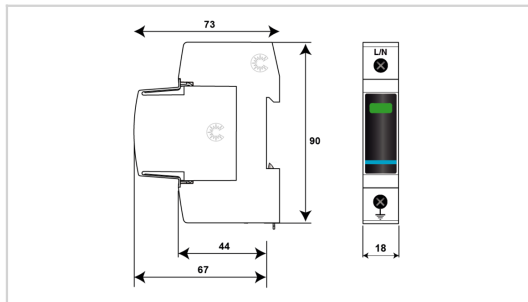
# CITEL

## Type 2+3 AC surge protector - one-phase - pluggable with integrated fuse

### DACF15-10-275



- ✦ Type 2 (or 3) AC surge protector
- ✦ Internal Disconnection device
- ✦ Low caliber of the internal connector = systematic coordination with upstream circuit breaker
- ✦ In : 5 kA
- ✦ I<sub>max</sub> : 15 kA
- ✦ Pluggable module for each phase
- ✦ Remote signaling option
- ✦ EN 61643-11, IEC 61643-11, UL1449 ed.5 compliance



Electrical Characteristics			
SPD type	IEC	2 (or 3)	
Max. AC operating voltage	Uc	275 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	
Withstand on Combination waveform IEC 61643-11 Class III test: 1.2/50μs - 8/20μs	Uoc	10 kV	
Protection level @ I <sub>n</sub> (8/20μs)	U <sub>p</sub>	1 kV	
Admissible short-circuit current	I <sub>scrc</sub>	100 000 A	
Mechanical Characteristics			
Technology		MOV	
SPD configuration		Single phase	
Connection to Network		By screw terminals: 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		1 mechanical indicator - Red/Green	
Spare module(s)		MDACF15-275	
Remote signaling of disconnection		option DACF15S-10-275 : output on changeover contact	
Wiring for remote signaling		1.5 mm <sup>2</sup> max.	
Dimensions		See diagram - 1TE (EN43880)	
Weight		0.110 kg	
Disconnectors			
Thermal disconnector		Internal	
Installation ground fault breaker		Type 'S' or delayed	
Back-up protection device		internal (equivalent AC rating : 25 A, gG Type)	
Standards			
Standards compliance		IEC 61643-11 / EN 61643-11	
Part number			
821310211			

