



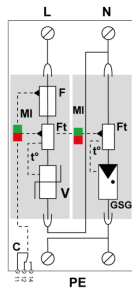
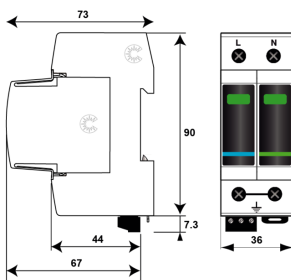
# CITEL

## Type 2 or 3 AC surge protector - pluggable with integrated fuse

### DACF15S-11-320



- ✦ Type 2 (or 3) AC surge protector
- ✦ Internal Disconnection device
- ✦ Low fuse rating 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
- ✦ EN 61643-11, IEC 61643-11, UL1449 ed.5 compliance



V: High-energy varistor  
 GSG: Specific gas tube  
 F: Fuse  
 Ft: Thermal fuse  
 t\*: Thermal disconnection system  
 MI: Disconnection indicator  
 C: Remote signal contact

Electrical Characteristics			
SPD type	IEC		2+3
Network			230 V single-phase
AC system			TT-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
Temporary Over Voltage N/PE (TOV HT) Without disconnection or with safety disconnection	UT		1200 V/300A/200 ms withstand
Residual Current Leakage current to Ground	I <sub>pe</sub>		None
Follow current	I <sub>f</sub>		None
Nominal discharge current 15 x 8/20 μs impulses	I <sub>n</sub>		5 kA
Nominal discharge current N/PE 15 x 8/20 μs impulses	I <sub>n</sub> N/PE		20 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	U <sub>oc</sub>		10 kV
Protection level L/N @ I <sub>n</sub> (8/20μs)	U <sub>p</sub> L/N		1.2 kV
Protection level N/PE @ I <sub>n</sub> (8/20μs)	U <sub>p</sub> N/PE		1.5 kV
Admissible short-circuit current	I <sub>sc</sub> cr		100 000 A
Mechanical Characteristics			
Technology			MOV+GDT
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 by pole - Red/Green
Spare module(s)			MDACF15-320+MDAC50G-255
Remote signaling of disconnection			output on changeover contact
Wiring for remote signaling			1.5 mm <sup>2</sup> max.
Dimensions			See diagram - 1TE (EN43880)
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			
821310342			

