



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

# CITEL

## DACF15-40-320



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



	<b>Electrical Characteristics</b>		
	SPD type	2 (or 3)	
<p>V: High-energy varistor Ft: Thermal fuse F: Overcurrent protection (fuse) t*: Thermal disconnection system MI: Disconnection indicator</p>	Network	230/400 V 3-phase+N	
	AC system	TNS	
	Max. AC operating voltage	Uc	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	Ipe	< 1 mA
	Follow current	If	None
	Nominal discharge current 15 x 8/20 μs impulses	In	5 kA
	Max. discharge current max. withstand @ 8/20 μs by pole	Imax	15 kA
	Withstand on Combination waveform IEC 61643-11 Class III test: 1.2/50μs - 8/20μs	Uoc	10 kV
	Protection mode(s)		L/PE and N/PE
	Protection level N/PE @ In (8/20μs)	Up N/PE	1.5 kV
	Protection level L/PE @ In (8/20μs)	Up L/PE	1.2 kV
	Admissible short-circuit current	Iscsr	100 000 A
	<b>Mechanical Characteristics</b>		
Technology		MOV	
SPD configuration		3-phase+Neutral	
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	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)		MDACF15-320	
Remote signaling of disconnection		option DACF15S-40-320 : output on changeover contact	
Wiring for remote signaling		1.5 mm <sup>2</sup> max.	
Dimensions		See diagram - 4TE (EN43880)	
Weight		0.396 kg	
<b>Disconnectors</b>			
Thermal disconnector		Internal	
Installation ground fault breaker		Type 'S' or delayed	
Back-up protection device		internal (equivalent AC rating : 25 A, gG Type)	
<b>Standards</b>			
Standards compliance		IEC 61643-11 / EN 61643-11	
<b>Part number</b>			
<b>821310314</b>			

