



## Type 2 AC surge protector - 3-phase - Integrated fuses

# CITEL

### DACF25S-30-320



#### Type 2 AC surge protector

- ↳ In: 15 kA
- ↳ Imax: 25 kA
- ↳ Interne Disconnection device
- ↳ Pluggable module for each phase
- ↳ Remote signaling
- ↳ EN 61643-11, IEC 61643-11 and UL1449 ed.5 compliance



	<b>Electrical Characteristics</b>		
	SPD type	2	
<p>V: High-energy varistor Ft: Thermal fuse F: Overcurrent protection (fuse) t*: Thermal disconnection system C: Remote signal contact MI: Disconnection indicator</p>	Network	230/400 V 3-phase	
	AC system	TNC	
	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 $\mu$ s impulses	In	15 kA
	Max. discharge current max. withstand @ 8/20 $\mu$ s by pole	Imax	25 kA
	Total Maximum discharge current max. total withstand @ 8/20 $\mu$ s	Imax Total	75 kA
	Connection mode(s)		L/PE
	Protection level L/PE @ In (8/20 $\mu$ s)	Up L/PE	1.5 kV
	Residual voltage L/PE at 5 kA @ 5 kA (8/20 $\mu$ s)	Up-5kA	1.2 kV
	Admissible short-circuit current	Iscsr	100 000 A
	<b>Mechanical Characteristics</b>		
Technology		MOV	
SPD configuration		3-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	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)		MDACF25-320	
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 - 3 TE (EN43880)	
<b>Disconnectors</b>			
Thermal disconnector		Internal	
Installation ground fault breaker		Type 'S' or delayed	
Back-up protection device		internal (equivalent AC rating : 40 A, gG Type)	
<b>Standards</b>			
Standards compliance		IEC 61643-11 / EN 61643-11 / UL1449 ed.5	
<b>Part number</b>			
821410323			

