

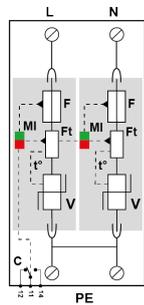
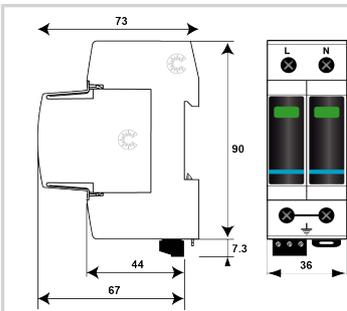


# CITEL

## DACF15S-20-440



- ▶ 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
- ▶ Imax: 15 kA
- ▶ Pluggable module for each phase
- ▶ Remote signaling
- ▶ EN 61643-11, IEC 61643-11, UL1449 ed.5 compliance



**V:** High-energy varistor  
**F:** Overcurrent protection (fuse)  
**t\*:** Thermal disconnection system  
**C:** Remote signal contact  
**MI:** Disconnection indicator

Electrical Characteristics		
SPD type	IEC	2+3
Network		230 V single-phase
AC system		IT
Max. AC operating voltage	Uc	440 Vac
Temporary Over Voltage (TOV) Characteristics - 5 sec. Without disconnection	UT	580 Vac withstand
Temporary Over Voltage (TOV) Characteristics - 120 mn Without disconnection or with safety disconnection	UT	770 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	5 kA
Nominal discharge current N/PE 15 x 8/20 $\mu$ s impulses	In N/PE	20 kA
Max. discharge current max. withstand @ 8/20 $\mu$ s by pole	Imax	15 kA
Withstand on Combination waveform IEC 61643-11 Class III test: 1.2/50 $\mu$ s - 8/20 $\mu$ s	Uoc	10 kV
Protection level N/PE @ In (8/20 $\mu$ s)	Up N/PE	1.5 kV
Protection level L/PE @ In (8/20 $\mu$ s)	Up L/PE	1.5 kV
Admissible short-circuit current	Isc cr	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	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)		MDACF15-440
Remote signaling of disconnection		output on changeover contact
Wiring for remote signaling		1.5 mm <sup>2</sup> max.
Dimensions		See diagram - 2TE (EN43880)
Weight		0.221 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 / UL1449 ed.5
Part number		
<b>821310422</b>		

