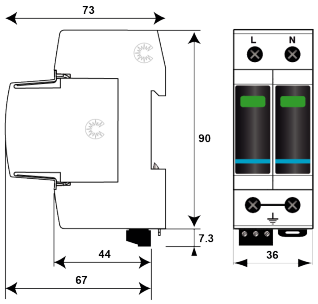
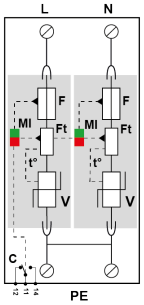
Type 2 or 3 AC surge protector - pluggable with integrated fuse

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
Ft: Thermal fuse
F : Overcurrent protection (fuse)
t°: Thermal disconnection system
C: Remote signal contact
MI: Disconnection indicator

Electrical Characteristics		
SPD type	IEC	2+3
Network		230/400V
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 µs impulses*	In	5 kA
Nominal discharge current N/PE *15 x 8/20 µs impulses*	In N/PE	20 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 level N/PE *@ In (8/20µs)*	Up N/PE	1.5 kV
Protection level L/PE *@ In (8/20µs)*	Up L/PE	1.5 kV
Admissible short-circuit current	Isccr	100 000 A
Mechanical Characteristics		
Technology		MOV
SPD configuration		Single phase
Connection to Network		By screw terminals: 2.5-25mm² (35mm² 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 mm² max.
Dimensions		See diagram - 2TE (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 / UL1449 ed.5
Part number		
821310422		