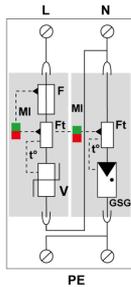
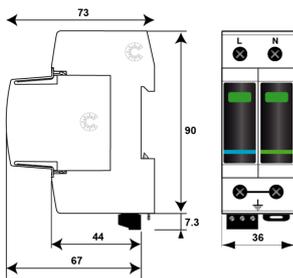




- ✦ Type 2 (or 3) AC surge protector
- ✦ Internal Disconnection device
- ✦ Low caliber of the internal connector = systematic coordination with upstream circuit breaker
- ✦ I_n : 5 kA
- ✦ I_{max} : 15 kA
- ✦ Pluggable module for each phase
- ✦ Remote signaling option
- ✦ EN 61643-11, IEC 61643-11, UL1449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



PE
V: High-energy varistor
GSG: Specific gas tube
F: Fuse
Ft: Thermal fuse
t*: Thermal disconnection system
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 μ s impulses	I_n	5 kA
Max. discharge current max. withstand @ 8/20 μ s by pole	I_{max}	15 kA
Withstand on Combination waveform IEC 61643-11 Class III test: 1.2/50 μ s - 8/20 μ s	Uoc	10 kV
Protection level L/N @ I_n (8/20 μ s)	Up L/N	1.5 kV
Protection level N/PE @ I_n (8/20 μ s)	Up N/PE	1.5 kV
Admissible short-circuit current	Iscrc	100 000 A
Mechanical Characteristics		
Technology		MOV
SPD configuration		Single phase
Connection to Network		By screw terminals: 2.5-25mm ² (35mm ² 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		option DACF15S-20-440 : output on changeover contact
Wiring for remote signaling		1.5 mm ² 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		
821310432		