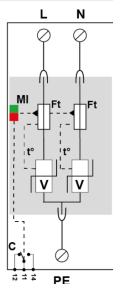
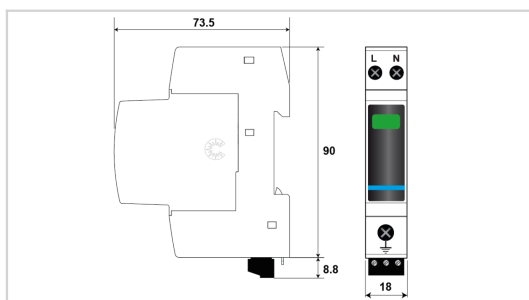


DAC15CS-20-440



- ✦ Compact single-phase Type 2 (or 3) surge protector
- ✦ In : 5 kA
- ✦ I_{max} : 15 kA
- ✦ Commun/Differential mode
- ✦ Pluggable module
- ✦ Remote signaling
- ✦ EN 61643-11, IEC 61643-11 certified
- ✦ UL1449 ed.5 compliance



V: High-energy varistor
 Ft: Thermal fuse
 C: Remote signal contact
 t*: Thermal disconnection system
 MI: Disconnection indicator

Electrical Characteristics			
SPD type	IEC		2 (or 3)
Network			230/400 V
AC system			IT
Max. AC operating voltage	U _c		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	I _{pe}		< 1 mA
Follow current	I _f		None
Nominal discharge current 15 x 8/20 μs impulses	I _n		5 kA
Max. discharge current max. withstand @ 8/20 μs by pole	I _{max}		15 kA
Total Maximum discharge current max. total withstand @ 8/20 μs	I _{max} Total		30 kA
Withstand on Combination waveform IEC 61643-11 Class III test: 1.2/50μs - 8/20μs	U _{oc}		10 kV
Protection mode(s)			L/PE
Protection level N/PE @ I _n (8/20μs)	U _p N/PE		1.5 kV
Protection level L/PE @ I _n (8/20μs)	U _p L/PE		1.5 kV
Admissible short-circuit current	I _{scrc}		10 000 A
Mechanical Characteristics			
Technology			MOV
SPD configuration			Single phase
Connection to Network			By screw terminals: L/N = 1.5-10mm ² (16mm ² rigid) or PE = 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	T _u		-40/+85°C
Protection rating			IP20
Failsafe mode			Disconnection from AC network
Disconnection indicator			1 mechanical indicator - Red/Green
Spare module(s)			MDAC15C-20-440
Remote signaling of disconnection			Output on changeover contact
Wiring for remote signaling			1.5 mm ² max.
Max. Voltage/Current for remote signaling			250 V / 0.5 A (AC) / 30 V / 3 A (DC)
Dimensions			See diagram - 1TE (EN43880)
Weight			0.140 kg
Disconnectors			
Thermal disconnector			Internal
Installation ground fault breaker			Type 'S' or delayed
Back-up protection device			20 A min. - 125 A max. - Fuses type gG
Standards			
Standards compliance			IEC 61643-11 / EN 61643-11 / UL1449 ed.5
Certification			KEMA
Part number			
821610421			