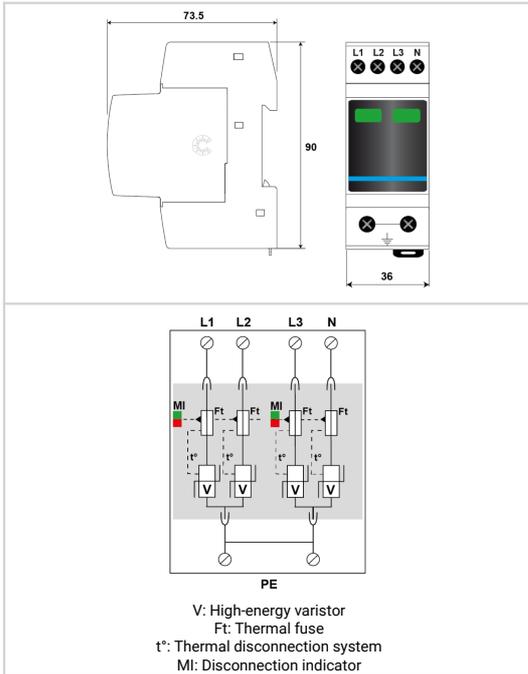


### DAC15C-40-440



- ✦ Compact 3-phase+N Type 2 (or 3) surge protector
- ✦ In: 5 kA
- ✦ I<sub>max</sub>: 15 kA
- ✦ Common mode
- ✦ Pluggable module
- ✦ Remote signaling (option)
- ✦ EN 61643-11, IEC 61643-11 certified
- ✦ UL1449 ed.5 compliance



Electrical Characteristics			
SPD type	IEC		2+3
Network			230/400 V
AC system			IT
Max. AC operating voltage	U <sub>c</sub>		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 <sub>pe</sub>		< 1 mA
Follow current	I <sub>f</sub>		None
Nominal discharge current 15 x 8/20 μs impulses	I <sub>n</sub>		5 kA
Max. discharge current max. withstand @ 8/20 μs by pole	I <sub>max</sub>		15 kA
Total Maximum discharge current max. total withstand @ 8/20 μs	I <sub>max Total</sub>		60 kA
Withstand on Combination waveform IEC 61643-11 Class III test: 1.2/50μs - 8/20μs	U <sub>oc</sub>		10 kV
Protection mode(s)			L/PE
Protection level N/PE @ I <sub>n</sub> (8/20μs)	U <sub>p N/PE</sub>		1.5 kV
Protection level L/PE @ I <sub>n</sub> (8/20μs)	U <sub>p L/PE</sub>		1.5 kV
Admissible short-circuit current	I <sub>scrc</sub>		10 000 A
Mechanical Characteristics			
Technology			MOV
SPD configuration			3-phase+Neutral
Connection to Network			By screw terminals: L/N = 1.5-10mm <sup>2</sup> (16mm <sup>2</sup> rigid) or PE = 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	T <sub>u</sub>		-40/+85°C
Protection rating			IP20
Failsafe mode			Disconnection from AC network
Disconnection indicator			2 mechanical indicators - Red/Green
Spare module(s)			MDAC15C-40-440
Remote signaling of disconnection			Option DAC15CS-40-440 : output on changeover contact
Dimensions			See diagram - 2TE (EN43880)
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			
821610412			