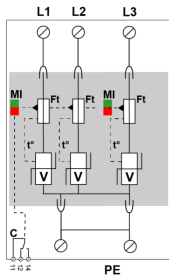
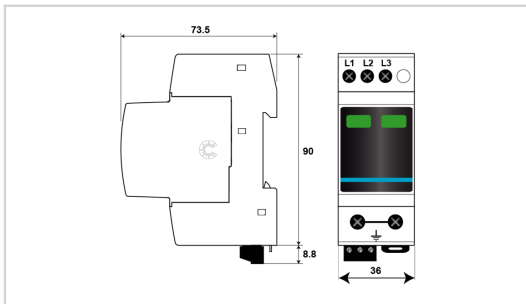


## DAC15CS-30-320



- ✦ Compact 3-phase Type 2 (or 3) surge protector
- ✦ In: 5 kA
- ✦ I<sub>max</sub>: 15 kA
- ✦ Common mode
- ✦ Pluggable module
- ✦ Remote signaling
- ✦ IEC 61643-11, EN 61643-11, 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			TN
Max. AC operating voltage	U <sub>c</sub>		320 Vac
Temporary Over Voltage (TOV) Characteristics - 5 sec. Without disconnection	UT		335 Vac withstand
Temporary Over Voltage (TOV) Characteristics - 120 mn Without disconnection or with safety disconnection	UT		440 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>		1.1 kV
Protection level L/PE @ I <sub>n</sub> (8/20μs)	U <sub>p L/PE</sub>		1.1 kV
Admissible short-circuit current	I <sub>scrc</sub>		10 000 A
Mechanical Characteristics			
Technology			MOV
SPD configuration			3-phase
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-30-320
Remote signaling of disconnection			Output on changeover contact
Wiring for remote signaling			1.5 mm <sup>2</sup> max.
Max. Voltage/Current for remote signaling			250 V / 0.5 A (AC) / 30 V / 3 A (DC)
Dimensions			See diagram - 2TE (EN43880)
Weight			0.231 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
Part number			
821610323			