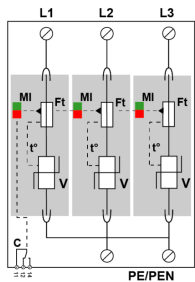
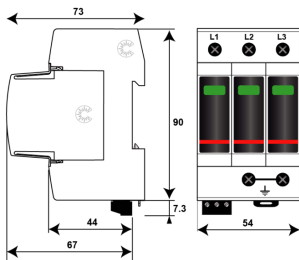


DAC50S-30-150



- ✔ Type 2 AC surge protector
- ✔ In: 20 kA
- ✔ I<sub>max</sub>: 50 kA
- ✔ Pluggable module for each phase
- ✔ Remote signaling
- ✔ UL1449 ed.5 certified
- ✔ EN 61643-11, IEC 61643-11 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
Network			120/208 V 3-phase
AC system			TNC
Max. AC operating voltage	U <sub>c</sub>		150 Vac
Temporary Over Voltage (TOV) Characteristics - 5 sec. Without disconnection	UT		180 Vac withstand
Temporary Over Voltage (TOV) Characteristics - 120 mn Without disconnection or with safety disconnection	UT		230 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>		20 kA
Max. discharge current max. withstand @ 8/20 μs by pole	I <sub>max</sub>		50 kA
Total Maximum discharge current max. total withstand @ 8/20 μs	I <sub>max</sub> Total		150 kA
Protection mode(s)			L/PE
Protection level L/PE @ I <sub>n</sub> (8/20μs)	U <sub>p</sub> L/PE	1.2 kV	
Admissible short-circuit current	I <sub>scsr</sub>		50 000 A
Mechanical Characteristics			
Technology			MOV
SPD configuration			3-phase
Connection to Network			By screw terminals: 2.5-25mm <sup>2</sup>
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			1 mechanical indicator by pole - Red/Green
Spare module(s)			MDAC50-150
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 - 3 TE (EN43880)
Weight			0.272 kg
Disconnectors			
Thermal disconnector			Internal
Installation ground fault breaker			Type 'S' or delayed
Back-up protection device			50 A min. - 125 A max. - Fuses Type gG
Standards			
Standards compliance			IEC 61643-11 / EN 61643-11 / UL1449 ed.5
Certification			OVE / UL
Part number			
821110123			