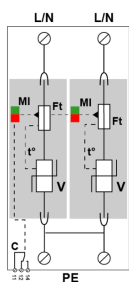
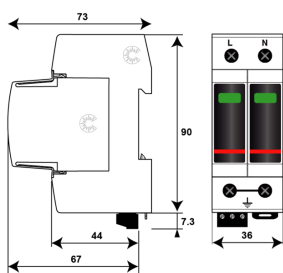


DAC50S-20-150



- ✔ Type 2 AC surge protector
- ✔ In: 20 kA
- ✔ I_{max}: 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 V single-phase
AC system			TN
Max. AC operating voltage	U _c		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 _{pe}		< 1 mA
Follow current	I _f		None
Nominal discharge current 15 x 8/20 μs impulses	I _n		20 kA
Max. discharge current max. withstand @ 8/20 μs by pole	I _{max}		50 kA
Total Maximum discharge current max. total withstand @ 8/20 μs	I _{max} Total		100 kA
Protection mode(s)			L/PE and N/PE
Protection level N/PE @ In (8/20μs)	Up N/PE		0.9 kV
Protection level L/PE @ In (8/20μs)	Up L/PE		1.2 kV
Admissible short-circuit current	I _{sc}		50 000 A
Mechanical Characteristics			
Technology			MOV
SPD configuration			Single phase
Connection to Network			By screw terminals: 2.5-25mm ²
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 by pole - Red/Green
Spare module(s)			MDAC50-150
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 - 2TE (EN43880)
Weight			0.192 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			ÖVE / UL
Part number			
821110122			