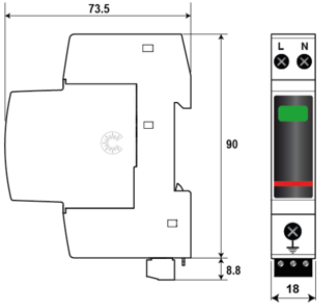
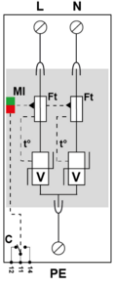


DAC40CS-20-320



- Compact Surge protector, 2-pole Type 2 or 3
- Conductivity per pole: $I_n = 20 \text{ kA}$; $I_{max} = 40 \text{ kA}$
- Common protection mode
- Safe disconnect device
- Transverse / longitudinal voltage protection
- Energetically coordinated
- Pluggable protection module
- Remote signalling
- IEC 61643-11 / EN 61643-11 certified
- UL1449 ed.5 compliance



	Electrical Characteristics		
	SPD type		2
 V: High-energy varistor Ft: Thermal fuse C: Remote signal contact t*: Thermal disconnection system MI: Disconnection indicator	Network		230 V single-phase
	AC system		TN
	Max. AC operating voltage	U_c	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_{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}	40 kA
	Total Maximum discharge current max. total withstand @ 8/20 μs	I_{max} Total	80 kA
	Protection mode(s)		L/PE and N/PE
	Protection level N/PE @ I_n (8/20 μs)	Up N/PE	1.5 kV
	Protection level L/PE @ I_n (8/20 μs)	Up L/PE	1.5 kV
	Admissible short-circuit current	I_{sc}	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)		MDAC40C-20-320
	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)
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		KEMA
Part number			
			821510321