



Type 2 AC surge protector - 3-phase

CITEL

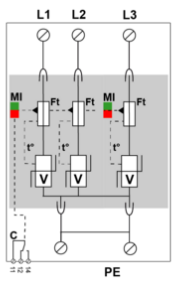
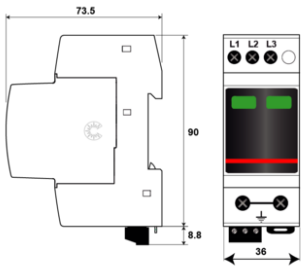
DAC40CS-30-150



- ↳ Compact, multipole type 2
- ↳ Conductivity per pole: $I_n = 20 \text{ kA}$; $I_{max} = 40 \text{ kA}$
- ↳ Protection modes - common and/or differential
- ↳ Safe disconnect device
- ↳ Transverse / longitudinal voltage protection
- ↳ Energetically coordinated
- ↳ Pluggable protection module
- ↳ Remote signalling
- ↳ Conforms to IEC 61643-11 / EN 61643-11 and UL1449 ed.5



	Electrical Characteristics	
	SPD type	2
	Network	120/208 V
	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} 40 kA
	Total Maximum discharge current max. total withstand @ 8/20 μs	I_{max} Total 160 kA
	Protection mode(s)	L/PE and N/PE
	Protection level N/PE @ I_n (8/20 μs)	U_p N/PE 0.9 kV
	Protection level L/PE @ I_n (8/20 μs)	U_p L/PE 1.2 kV
	Admissible short-circuit current	I_{sccr} 10 000 A
	Mechanical Characteristics	
	Technology	MOV
	SPD configuration	3-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	2 mechanical indicators - Red/Green
	Spare module(s)	MDAC40C-30-150
	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	0.211 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
	Part number	
	821510123	



V: High-energy varistor
 Ft: Thermal fuse
 C: Remote signal contact
 t*: Thermal disconnection system
 MI: Disconnection indicator

