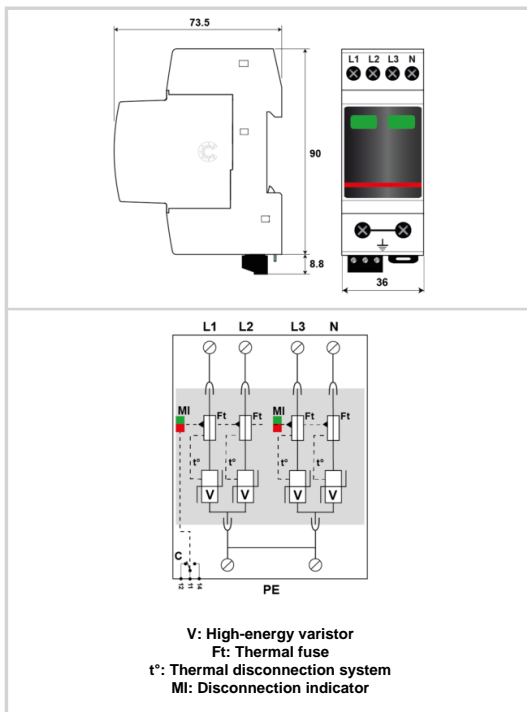


## DAC40CS-40-150



- 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
- Approved according to UL1449 ed.4



Electrical Characteristics	
SPD type (following IEC tests)	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 $\mu$ s impulses)	$I_n$ 20 kA
Max. discharge current (max. withstand @ 8/20 $\mu$ s by pole)	$I_{max}$ 40 kA
Total Maximum discharge current (max. total withstand @ 8/20 $\mu$ s)	$I_{max}$ Total 160 kA
Protection mode(s)	L/PE and N/PE
Protection level N/PE (@ $I_n$ (8/20 $\mu$ s))	$U_p$ N/PE 0.9 kV
Protection level L/PE (@ $I_n$ (8/20 $\mu$ s))	$U_p$ L/PE 0.9 kV
Admissible short-circuit current	$I_{scrr}$ 10 000 A
Mechanical Characteristics	
Technology	MOV
SPD configuration	3-phase+Neutral
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> (35 mm <sup>2</sup> rigid)
Format	Plug-in modular box
Pluggable	Yes
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 - Green/Red
Spare module(s)	MDAC40C-40-150
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 - 2TE (EN43880)
Weight	0.255 kg
Disconnectors	
Thermal disconnector	Internal
Installation ground fault breaker	Type 'S' or delayed
Fuses	50 A mini. - 125 A max. - Fuses Type gG
Standards	
Standards compliance	IEC 61643-11 / EN 61643-11 / UL1449 ed.4
Certification	KEMA / EAC
Part number	
821510122	