Type 1+2 AC surge protector - 1-pole

MDAC1-13-440

- Type 1 + 2 AC surge protector
- In : 20 kA
- Iimp : 12.5 kA
- Pluggable module for each phase
- Remote signaling (option)
- EN 61643-11, IEC 61643-11, UL1449 ed.5 compliance

Electrical Characteristics		
SPD type	IEC	1+2
Max. AC operating voltage	Uc	440 Vac
Temporary Over Voltage (TOV) Characteristics - 5 sec. Without disconnection	UT	580 Vac withstand
Temporary Over Voltage (TOV) Characteristics - 120 mn Without disconnection or with safety disconnection	UT	770 Vac disconnection
Residual Current Leakage current to Ground	Ipe	< 1 mA
Follow current	If	None
Nominal discharge current 15 x 8/20 µs impulses	In	20 kA
Max. discharge current max. withstand @ 8/20 µs by pole	Imax	50 kA
Impulse current by pole max. withstand 10/350µs by pole	Iimp	12.5 kA
Specific energy by pole max. withstand 10/350 µs	W/R	40 kJ/ohm
Protection level @ In (8/20µs)	Up	1.7 kV
Residual voltage at 5 kA @ 5 kA (8/20µs)	Up-5kA	1.5 kV
Admissible short-circuit current	Isccr	50 000 A
Mechanical Characteristics		
Technology		VG Technology (MOV+GSG)
SPD configuration		Single phase
Connection to Network		By screw terminals: 2.5-25mm² (35mm² rigid)
Format		Plug-in modular box
Mounting		Symmetrical rail 35 mm (EN 60715)
Housing material		Thermoplastic UL94 V-0
Operating temperature	Tu	-40/+85°C
Protection rating		IP20
Failsafe mode		Disconnection from AC network
Disconnection indicator		1 mechanical indicator - Red/Green
Spare module(s)		MDAC1-13-440
Remote signaling of disconnection		option DAC1-13S-10-440: output on changeover contact
Weight		0.176 kg
Disconnectors		
Thermal disconnector		Internal
Installation ground fault breaker		Type 'S' or delayed
Back-up protection device		315 A max. - Fuses Type gG / or SFD1-25S
Standards		
Standards compliance		IEC 61643-11 / EN 61643-11 / UL1449 ed.5
Certification		
Part number		
821710400		