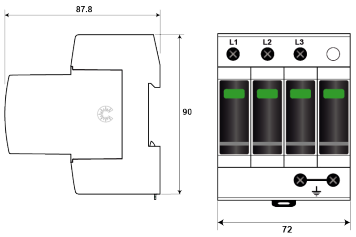
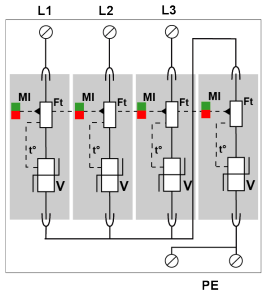
Type 1+2 3-phase AC surge protector for PV inverter

DAC1-13-31Y-880



- Type 1 + 2 3-Phase AC surge protector
- up to 800 Vac voltage network
- Iimp: 12.5 kA
- Pluggable module
- Remote signaling (option)
- EN 61643-11, IEC 61643-11 compliance





V: High-energy varistor
Ft: Thermal fuse
t°: Thermal disconnection system
MI: Disconnection indicator

Electrical Characteristics		
SPD type	IEC	1+2
Network		Equal or less than 800 Vac
AC system		TNC-IT
Max. AC operating voltage	Uc	880 Vac
Temporary Over Voltage (TOV) Characteristics - 5 sec. *Without disconnection*	UT	1160 Vac withstand
Temporary Over Voltage (TOV) Characteristics - 120 mn *Without disconnection or with safety disconnection*	UT	1385 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
Impulse current N/PE *max. withstand 10/350µs*	Iimp N /PE	12.5 kA
Total lightning current *max. total withstand @ 10/350µs*	Itotal	12,5 kA
Specific energy by pole *max. withstand 10/350 µs*	W/R	40 kJ/ohm
Protection level *@ In (8/20µs)*	Up	3.4 kV
Protection level *@ In (8/20 µs)*	Up L/L	3.4kV
Protection level L/PE *@ In (8/20µs)*	Up L/PE	3.4 kV
Admissible short-circuit current	Isccr	50 000 A
Mechanical Characteristics		
SPD configuration		3-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 by pole - Red/Green
Spare module(s)		MDAC1-13-440
Remote signaling of disconnection		option DAC1-13S-31Y-800 : output on changeover contact
Dimensions		See diagram - 4TE (EN43880)
Weight		0.652 kg
Disconnectors		
Thermal disconnector		Internal
Installation ground fault breaker		Type 'S' or delayed
Back-up protection device		Fuses Type gG 315 A
Standards		
Standards compliance		IEC 61643-11 / EN 61643-11 / UL1449 ed.5
Part number		
821750534		