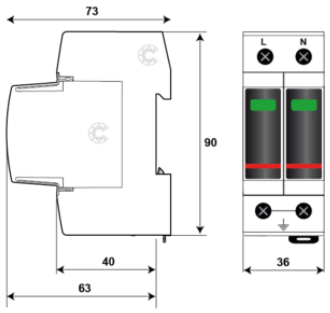
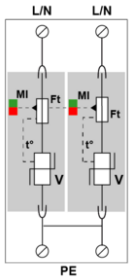
Type 2 AC surge protector - Re-inforced - pluggable

DAC80-20-275



- Re-inforced Type 2 AC surge protector
- In : 40 kA
- Imax : 80 kA
- Pluggable module for each phase
- Remote signaling option
- EN 61643-11, IEC 61643-11 and UL1449 ed.5 compliance





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

Electrical Characteristics		
SPD type		2
Network		230 V single-phase
AC system		TN
Max. AC operating voltage	Uc	275 Vac
Temporary Over Voltage (TOV) Charasteristics - 5 sec. Without disconnection	UT	335 Vac withstand
Temporary Over Voltage (TOV) Charasteristics - 120 mn Without disconnection or with safety disconnection	UT	440 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	40 kA
Max. discharge current max. withstand @ 8/20 µs by pole	Imax	80 kA
Protection mode(s)		L/PE and N/PE
Protection level N/PE @ In (8/20µs)	Up N/PE	1.6 kV
Protection level L/PE @ In (8/20µs)	Up L/PE	1.6 kV
Admissible short-circuit current	Isccr	50 000 A
Mechanical Characteristics		
Technology		MOV
Connection to Network		By screw terminals: 2.5-25mm² (35mm² rigid)
Format		Plug-in modular box
Plugable		Yes
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)		MDAC80-275
Remote signaling of disconnection		option DAC80S-20-275 : output on changeover contact
Dimensions		See diagram - 2TE (EN43880)
Weight		0.233 kg
Disconnectors		
Thermal disconnector		Internal
Installation ground fault breaker		Type 'S' or delayed
Fuses		Fuses Type gG - 125 A
Standards		
Standards compliance		IEC 61643-11 / EN 61643-11 / UL1449 ed.5
Certification		KEMA
Part number		
821210212		