



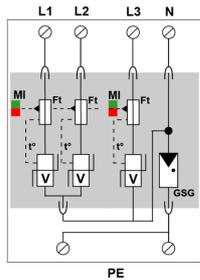
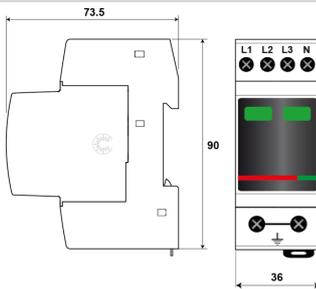
CITEL

Type 2 AC surge protector - 3-phase

DAC40C-31-275



- ✦ Compact 3-phase Type 2 surge protector
- ✦ In : 20 kA
- ✦ I_{max} : 40 kA
- ✦ Common mode/differential
- ✦ Pluggable module
- ✦ Remote signaling option
- ✦ EN 61643-11, IEC 61643-11 certified
- ✦ UL1449 ed.5 compliance



V: High-energy varistor
 GSG: Specific Gas Tube
 Ft: Thermal fuse
 t*: Thermal disconnection system
 MI: Disconnection indicator

Electrical Characteristics			
SPD type	IEC		2
Network			230/400 V
AC system			TT-TNS
Max. AC operating voltage	U _c		275 Vac
Temporary Over Voltage (TOV) Characteristics - 5 sec. Without disconnection	UT		335 Vac withstand
Temporary Over Voltage (TOV) Characteristics - 120 mn Without disconnection or with safety disconnection	UT		440 Vac disconnection
Temporary Over Voltage N/PE (TOV HT) Without disconnection or with safety disconnection	UT		1200 V/300A/200 ms withstand
Residual Current Leakage current to Ground	I _{pe}	None	
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		40 kA
Protection mode(s)			L/N and N/PE
Protection level L/N @ I _n (8/20μs)	U _p L/N	1.25 kV	
Protection level N/PE @ I _n (8/20μs)	U _p N/PE	1.5 kV	
Admissible short-circuit current	I _{scrc}		10 000 A
Mechanical Characteristics			
Technology			MOV+GDT
SPD configuration			3-phase+Neutral
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-31-275
Remote signaling of disconnection			Option DAC40CS-31-275 : output on changeover contact
Dimensions			See diagram - 2TE (EN43880)
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
Certification			KEMA
Part number			
821520212			

