



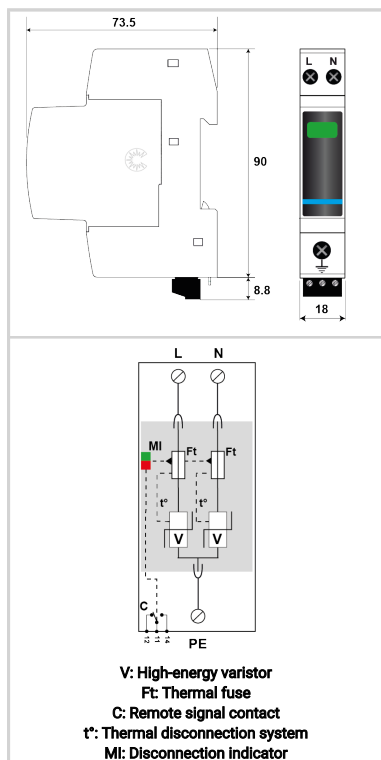
CITEL

Compact 1-phase Type 2 (or 3) surge protector - 230 V - Pluggable

DAC15CS-20-275



- Compact single-phase Type 2 (or 3) surge protector
- In : 5 kA
- I_{max} : 15 kA
- Commun/Differential mode
- Pluggable module
- Remote signaling
- EN 61643-11, IEC 61643-11 certified
- UL1449 ed.5 compliance



Electrical Characteristics		
SPD type	IEC	2+3
Network		230/400V
AC system		TN
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
Residual Current Leakage current to Ground	I _{pe}	< 1 mA
Follow current	I _f	None
Nominal discharge current 15 x 8/20 μs impulses	I _n	5 kA
Max. discharge current max. withstand @ 8/20 μs by pole	I _{max}	15 kA
Total Maximum discharge current max. total withstand @ 8/20 μs	I _{max} Total	30 kA
Withstand on Combination waveform IEC 61643-11 Class III test: 1.2/50μs - 8/20μs	U _{oc}	10 kV
Protection mode(s)		L/PE
Protection level N/PE @ I _n (8/20μs)	U _p N/PE	0.9 kV
Protection level L/PE @ I _n (8/20μs)	U _p L/PE	1.2 kV
Admissible short-circuit current	I _{scrr}	10 000 A

Mechanical Characteristics	
Technology	MOV
SPD configuration	Single phase
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	1 mechanical indicator - Red/Green
Spare module(s)	MDAC15C-20-275
Remote signaling of disconnection	Output on changeover contact
Wiring for remote signaling	1.5 mm ² max.
Max. Voltage/Current for remote signaling	250 V / 0.5 A (AC) / 30 V / 3 A (DC)
Dimensions	See diagram - 1 TE (EN43880)

Disconnectors	
Thermal disconnector	Internal
Installation ground fault breaker	Type 'S' or delayed
Back-up protection device	20 A min. - 125 A max. - Fuses type gG

Standards	
Standards compliance	IEC 61643-11 / EN 61643-11 / UL1449 ed.5
Certification	KEMA

Part number	
-------------	--



CITEL

Compact 1-phase Type 2 (or 3) surge protector - 230 V - Pluggable

DAC15CS-20-275

821610221

