



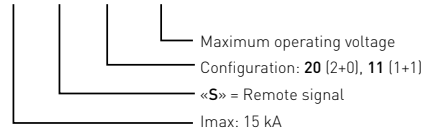
DAC15CS-11

DAC15CS SERIES

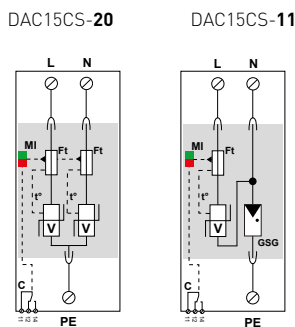
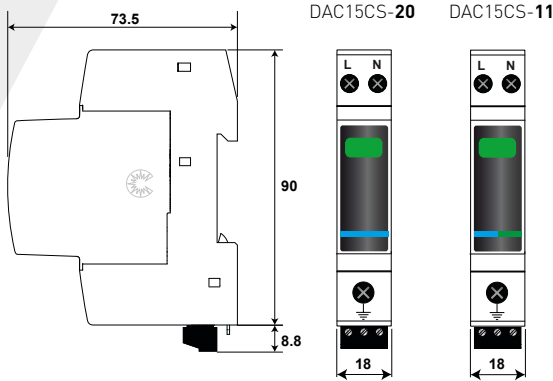
- Compact single phase Type 2 (or 3)
- Common/Differential mode
- Remote signaling contact
- IEC 61643-11, EN 61643-11 certified
- UL1449 ed.5 compliance



DAC15CS-xx-xxx



Characteristics



V : High energy varistor
 Ft : Thermal fuse
 C : Contact remote signal
 t° : Thermal disconnection system
 GSG: Specific GDT
 MI : Disconnection indicator

CITEL Model	DAC15CS-20-440	DAC15CS-11-275	DAC15CS-11-150
Description	Compact 1-phase Type 2 surge protector - Pluggable		
Network	230/400 V single-phase	230/400 V single-phase	120/208 V single-phase
Protection mode	L/PE and N/PE	L/N and N/PE	L/N and N/PE
AC system	IT	TT-TN	TT-TN
Max. AC operating voltage	Uc 440 Vac	275 Vac	150 Vac
Temporary Over Voltage (TOV) Characteristic 5 sec.	UT 580 Vac withstand	335 Vac withstand	180 Vac withstand
Temporary Over Voltage (TOV) Characteristic 120 mn	UT 770 Vac disconnection	440 Vac disconnection	230 Vac disconnection
Temporary Over Voltage N/PE (TOV HT)	UT -	1200 V/300A/200 ms withstand	1200 V/300A/200 ms withstand
Residual current - Leakage current at Uc	Ipe < 1 mA	None	None
Follow current	If None	None	None
Nominal discharge current 15 x 8/20 µs impulses	In 5 kA	5 kA	5 kA
Max. discharge current max. withstand @ 8/20 µs by pole	Imax 15 kA	15 kA	15 kA
Total discharge current @ 8/20 µs	Itotal 30 kA	30 kA	30 kA
Withstand on combinaison waveform Class III test	Uoc 10 kV	10 kV	10 kV
Protection level @ In (8/20 µs)	Up L/N -	0.9 kV	0.6 kV
	Up N/PE 1.5 kV	1.5 kV	1.5 kV
	Up L/PE 1.5 kV	-	-
Admissible short-circuit current	Isc 10000 A	10000 A	10000 A

Associated disconnectors

Thermal disconnector	internal
Fuses	20 A min - 125 A max. - Type gG
Existing upstream ground fault breaker (if any)	Type "S" or delayed

Mechanical characteristics

Dimensions	see diagram, 1 TE (DIN43880)
Connection to Network	by screw terminals: L/N = 1.5-10 mm ² (16mm ²) or PE = 2.5-25 mm ² (35 mm ² rigid)
Failsafe mode	Disconnection from network
Disconnection indicator	1 mechanical indicators, Green/Red
Max. voltage/current for remote signaling	250 V/0.5 A (AC) / 30 V/3 A (DC)
Wiring for remote signaling	Max. 1.5 mm ²
Mounting	Symmetrical rail 35 mm (EN60715)
Operating temperature	-40/+85°C
Protection rating	IP20
Housing material	Thermoplastic UL94 V-0
Spare unit	MDAC15C-20-440 MDAC15C-11-275 MDAC15C-11-150

Standards

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

Part number

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