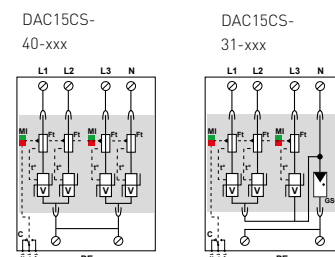
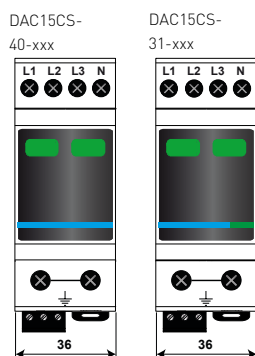
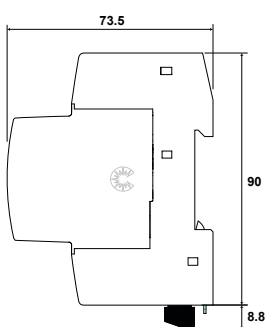


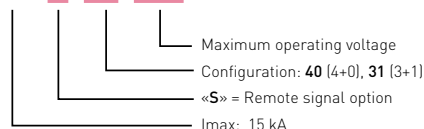
DAC15C SERIES



V : High energy varistor
 Ft : Thermal fuse
 C : Remote signaling contact
 t° : Thermal disconnection system
 GSG : Specific gas tube
 MI : Disconnection indicator

- Compact 3-phase surge protector
- Common/Differential mode
- Remote signaling contact (option)
- IEC 61643-11, EN 61643-11 and UL 1449 ed.4 compliance

DAC15CS-xx-xxx



Characteristics

CITEL Model	DAC15C-40-440	DAC15C-40-320	DAC15C-31-320	DAC15C-40-275	DAC15C-31-275	DAC15C-40-150	DAC15C-31-150
Description	Compact 3-phase+N Type 2 surge protector - Pluggable						
Network	230/400 V 3-phase	230/400 V 3-phase	230/400 V 3-phase	230/400 V 3-phase	230/400 V 3-phase	120/208 V 3-phase	120/208 V 3-phase
Connection mode	L/PE and N/PE	L/PE and N/PE	L/N and N/PE	L/PE and N/PE	L/N and N/PE	L/PE and N/PE	L/N and N/PE
Max. AC operating voltage	Uc 440 Vac	320 Vac	320 Vac	275 Vac	275 Vac	150 Vac	150 Vac
Temporary Over Voltage (TOV) Characteristic - 5 sec.	UT 580 Vac withstand	335 Vac withstand	335 Vac withstand	335 Vac withstand	335 Vac withstand	180 Vac withstand	180 Vac withstand
Temporary Over Voltage (TOV) Characteristic - 120 mn	UT 770 Vac disconnection	440 Vac disconnection	440 Vac disconnection	440 Vac disconnection	440 Vac disconnection	230 Vac disconnection	230 Vac disconnection
Temporary Over Voltage N/PE (TOV HT)	UT -	-	1200V/300A/200 ms withstand	-	1200 V/300A/200 ms withstand	-	1200 V/300A/200 ms withstand
Residual current - Leakage current at Uc	Ipe < 1 mA	< 1 mA	None	< 1 mA	None	< 1 mA	None
Follow current	If None	None	None	None	None	None	None
Nominal discharge current - 15 x 8/20 µs impulses	In 5 kA	5 kA	5 kA	5 kA	5 kA	5 kA	5 kA
Max. discharge current - max. withstand @ 8/20 µs by pole	Imax 15 kA	15 kA	15 kA	15 kA	15 kA	15 kA	15 kA
Total discharge current - @ 8/20 µs	Itotal 60 kA	60 kA	40 kA	60 kA	40 kA	60 kA	40 kA
Withstand on combinaison waveform - Class III test	Uoc 10 kV	10 kV	10 kV	10 kV	10 kV	10 kV	10 kV
Protection level @ In (8/20µs)	Up L/N - Up N/PE 1.5 kV Up L/PE 1.5 kV	- 1.1 kV 1.1 kV	1.1 kV 1.5 kV -	- 0.9 kV 0.9 kV	0.9 kV 1.5 kV -	- 0.6 kV 0.6 kV	0.6 kV 1.5kV -
Admissible short-circuit current	Isc cr 10000 A	10000 A	10000 A	10000 A	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, 2 TE (EN43880)						
Connection to Network	by screw terminals: L/N: 1.5-10mm ² [16mm ²] or PE: 2.5-25mm ² [35mm ² rigid]						
Failsafe mode	Disconnection from network						
Disconnection indicator	2 mechanical indicators, Green/Red						
Remote signaling of disconnection output on changeover contact	Option DAC15CS-40-400	Option DAC15CS-40-320	Option DAC15CS-31-320	Option DAC15CS-40-275	Option DAC15CS-31-275	Option DAC15CS-40-150	Option DAC15CS-31-150
Max. voltage/current for remote signaling	250 V/0.5 A (AC) / 30 V/2 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-V0						
Spare unit	MDAC15C-40-440	MDAC15C-40-320	MDAC15C-31-320	MDAC15C-40-275	MDAC15C-31-275	MDAC15C-40-150	MDAC15C-31-150
Standards							
Compliance	IEC 61643-11 / EN 61643-11 / UL1449 ed.4						
Part number							
	821610412	821610312	821620312	821610212	821620212	821610112	821620112