



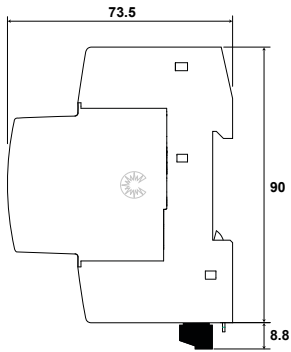
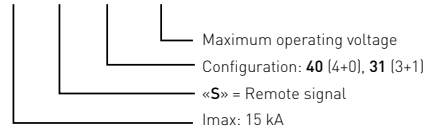
DAC15CS-40

DAC15CS SERIES

- Compact 3-phase Type 2 (or 3)
- Common/Differential mode
- Remote signaling contact
- IEC 61643-11, EN 61643-11 certified
- UL 1449 ed.4 compliance

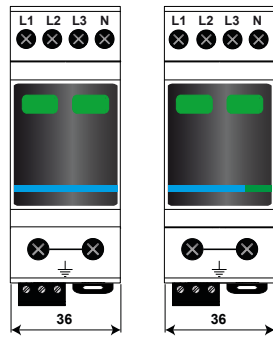


DAC15CS-xx-xxx



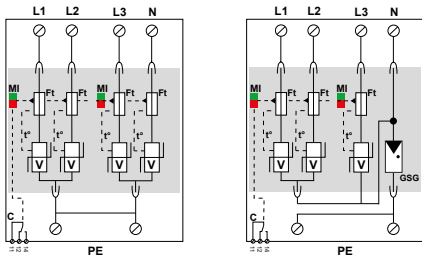
DAC15CS-40

DAC15CS-31



DAC15CS-40

DAC15CS-31



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

Characteristics

CITEL Model		DAC15CS-40-440	DAC15CS-31-275	DAC15CS-31-150
Description		Compact 3-phase+N Type 2 surge protector - Pluggable		
Network		230/400 V 3-phase	230/400 V 3-phase	120/208 V 3-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 <i>15 x 8/20 µs impulses</i>	In	5 kA	5 kA	5 kA
Max. discharge current <i>max. withstand @ 8/20 µs by pole</i>	Imax	15 kA	15 kA	15 kA
Total discharge current - @ 8/20 µs	Itotal	60 kA	40 kA	40 kA
Withstand on combinaison waveform <i>Class III test</i>	Uoc	10 kV	10 kV	10 kV
Protection level @ In (8/20µs)	Up L/N	-	0.9 kV	0.6 kV
	Up N/PE	1.5 kV	1.5 kV	1.5kV
	Up L/PE	1.5 kV	-	-
Admissible short-circuit current	Isc cr	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 (DIN43880)		
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		
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-40-440	MDAC15C-31-275	MDAC15C-31-150
Standards				
Certification		KEMA		
Compliance		IEC 61643-11 / EN 61643-11 / UL1449 ed.5		
Part number				
		821610422	821620222	821620122