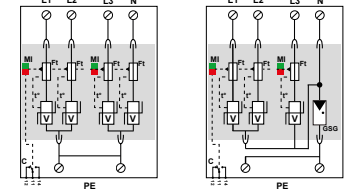
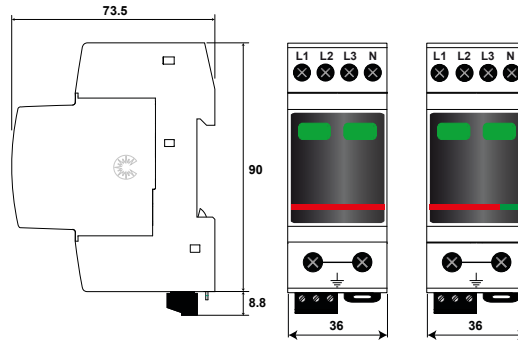


COMPACT 3-PHASE TYPE 2 SURGE PROTECTOR

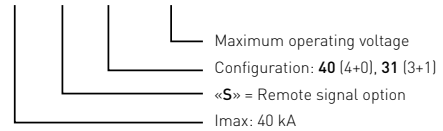
DAC40C SERIES



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)
- EN 61643-11, IEC 61643-11 and UL1449 ed.4 compliance

DAC40CS-xx-xxx



Characteristics

CITEL Model		DAC40C-40-440	DAC40C-40-320	DAC40C-31-320	DAC40C-40-275	DAC40C-31-275	DAC40C-40-150	DAC40C-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 - 120mn	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	-	-	1200 V/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	20 kA	20 kA	20 kA	20 kA	20 kA	20 kA	20 kA
Max. discharge current - max. withstand @ 8/20 μs by pole	Imax	40 kA	40 kA	40 kA	40 kA	40 kA	40 kA	40 kA
Total discharge current @ 8/20 μs	Itotal	160 kA	160 kA	40 kA	160 kA	40 kA	160 kA	40 kA
Protection level @In (8/20 μs)	Up L/N	-	-	1.5 kV	-	1.25 kV	-	0.9 kV
	Up N/PE	1.8 kV	1.5 kV	1.5 kV	1.25 kV	1.5 kV	0.9 kV	1.5 kV
	Up L/PE	1.8 kV	1.5 kV	-	1.25 kV	-	0.9 kV	-
Admissible short-circuit current	IscCR	10000 A	10000 A	10000 A	10000 A	10000 A	10000 A	10000 A
Associated disconnectors								
Thermal disconnector		internal						
Associated fuses		50 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 (16 mm ²) or PE = 2.5-25mm ² (35 mm ² rigid)						
Failsafe mode		Disconnection from network						
Disconnection indicator		2 mechanical indicators, Green/Red						
Remote signaling of disconnection output on changeover contact		Option	Option	Option	Option	Option	Option	Option
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		MDAC40C-40-440	MDAC40C-40-320	MDAC40C-31-320	MDAC40C-40-275	MDAC40C-31-275	MDAC40C-40-150	MDAC40C-31-150
Standards								
Compliance		IEC 61643-11 / EN 61643-11 / UL1449 ed.4						
Part number								
		821510412	821510312	821520312	821510212	821520212	821510112	821520112