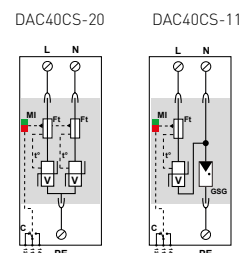
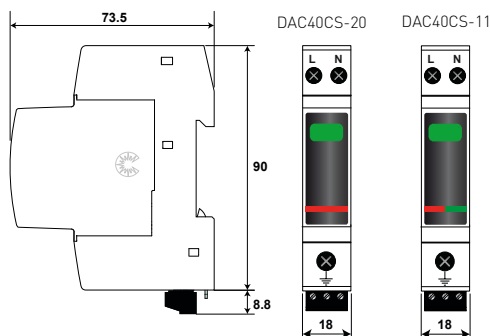
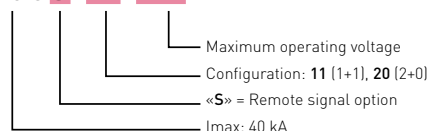


**COMPACT 1-PHASE TYPE 2 SURGE PROTECTOR**
**DAC40C SERIES**


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

- Compact 1-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-20-440	DAC40C-20-320	DAC40C-11-320	DAC40C-20-275	DAC40C-11-275	DAC40C-20-150	DAC40C-11-150
Description	Compact 1-phase Type 2 surge protector - Pluggable						
Network	230 V single-phase						120 V single-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 - @8/20μs	Itotal 80 kA	80 kA	40 kA	80 kA	40 kA	80 kA	40 kA
Protection level (ln @8/20μs)	Up L/N - Up N/PE 1.8 kV Up L/PE 1.8 kV	- 1.5 kV 1.5 kV	1.5 kV 1.5 kV -	- 1.25 kV 1.25 kV	1.25 kV 1.5 kV -	- 0.9 kV 0.9 kV	0.9 kV 1.5 kV -
Admissible short-circuit current	Iscsr 10 000 A	10 000 A	10 000 A	10 000 A	10 000 A	10 000 A	10 000 A
<b>Associated disconnectors</b>							
Thermal disconnector	internal						
Fuses	50 A min. - 125 A max. - Type gG						
Existing upstream ground fault breaker (if any)	Type "S" or delayed						
<b>Mechanical characteristics</b>							
Dimensions	see diagram, 1TE (EN43880)						
Connection to Network	by screw terminals: L/n = 1.5-10mm <sup>2</sup> (16 mm <sup>2</sup> ) / PE = 2.5-25mm <sup>2</sup> (35 mm <sup>2</sup> rigid)						
Failsafe mode	Disconnection from network						
Disconnection indicator	1 mechanical indicator Green/Red						
Remote signaling of disconnection output on changeover contact	Option DAC40CS-20-440	Option DAC40CS-20-320	Option DAC40CS-11-320	Option DAC40CS-20-275	Option DAC40CS-11-275	Option DAC40CS-20-150	Option DAC40CS-11-150
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 <sup>2</sup>						
Mounting	Symmetrical rail 35 mm (EN60715)						
Operating temperature	-40/+85°C						
Protection rating	IP20						
Housing material	Thermoplastic UL94-V0						
Spare unit	MDAC40C-20-440	MDAC40C-20-320	MDAC40C-11-320	MDAC40C-20-275	MDAC40C-11-275	MDAC40C-20-150	MDAC40C-11-150
<b>Standards</b>							
Compliance	IEC 61643-11 / EN 61643-11 / UL1449 ed.4						
<b>Part number</b>							
	821510411	821510311	821520311	821510211	821520211	821510111	821520111