



Type 2 AC surge protector - 2-pole - pluggable

CITEL

DS41S-1000



- Type 2 AC surge protector
- In: 20 kA
- Imax total: 40 kA
- Pluggable module for each phase
- Remote signaling
- NF EN 61643-11, IEC 61643-11 compliance



	Electrical Characteristics		
	Network	400/690 V	
Nominal line voltage	Un	690 Vac	
Max. AC operating voltage	Uc	1100 Vac	
Temporary Over Voltage (TOV) Characteristics - 5 sec. <i>Without disconnection</i>	UT	1400 Vac withstand	
Temporary Over Voltage (TOV) Characteristics - 120 mn <i>Without disconnection or with safety disconnection</i>	UT	1840 Vac disconnection	
Follow current	If	None	
Nominal discharge current <i>15 x 8/20 μs impulses</i>	In	20 kA	
Max. discharge current <i>max. withstand @ 8/20 μs by pole</i>	Imax	40 kA	
Connection mode(s)		L/N or N/PE	
Protection mode(s)		Common Mode or Differential Mode	
Protection level <i>@ In (8/20 μs)</i>	Up	5 kV	
Admissible short-circuit current	Iscsr	25 000 A	
	Mechanical Characteristics		
	Technology	MOV	
SPD configuration		2-poles	
Connection to Network		By screw terminals: 2.5-25mm ² / by bus	
Format		Plug-in modular box	
Mounting		Symmetrical rail 35 mm (EN 60715)	
Housing material		Thermoplastic UL94 V-0	
Operating temperature	Tu	-40/+85°C	
Protection rating		IP20	
Failsafe mode		Disconnection from AC network	
Disconnection indicator		2 mechanical indicators	
Spare module(s)		DSM40-1000	
Remote signaling of disconnection		Output on changeover contact	
Dimensions		See diagram	
<p>V: High-energy varistor Ft: Thermal fuse C: Remote signal contact t*: Thermal disconnection system MI: Disconnection indicator</p>	Disconnectors		
	Thermal disconnecter		Internal
	Installation ground fault breaker		Type 'S' or delayed
Back-up protection device		Fuses type gG - 50 A	
Standards			
Standards compliance		EN 61643-11 / IEC 61643-11	
Part number			
462921			

