



Type 2 AC surge protector - 1-pole - pluggable

CITEL

DS41-690



- Type 2 AC surge protector
- In : 20 kA
- Imax : 40 kA
- Pluggable module for each phase
- Remote signaling option
- EN 61643-11, IEC 61643-11 and UL1449 ed.5 compliance



	Electrical Characteristics	
	SPD type	2
<p>V: High-energy varistor Ft: Thermal fuse t*: Thermal disconnection system MI: Disconnection indicator</p>	Network	400/690 V
	Nominal line voltage	Un 400 Vac
	Max. AC operating voltage	Uc 760 Vac
	Temporary Over Voltage (TOV) Characteristics - 5 sec. Without disconnection	UT 1000 Vac withstand
	Temporary Over Voltage (TOV) Characteristics - 120 mn Without disconnection or with safety disconnection	UT 1325 Vac disconnection
	Residual Current	Ipe < 1 mA
	Leakage current to Ground	Ipe < 1 mA
	Follow current	If None
	Nominal discharge current 15 x 8/20 μs impulses	In 20 kA
	Max. discharge current max. withstand @ 8/20 μs by pole	Imax 40 kA
	Connection mode(s)	L/PE and N/PE
	Protection mode(s)	Common Mode or Differential Mode
	Protection level @ In (8/20μs)	Up 3.5 kV
Admissible short-circuit current	Iscsr 25 000 A	
Mechanical Characteristics		
Technology	MOV	
SPD configuration	Single phase	
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	1 mechanical indicator	
Spare module(s)	DSM40-690	
Remote signaling of disconnection	option DS41S-690 : output on changeover contact	
Dimensions	See diagram	
Weight	0.125 kg	
Disconnectors		
Thermal disconnector	Internal	
Installation ground fault breaker	Type 'S' or delayed	
Back-up protection device	Fuses type gG - 50 A	
Standards		
Standards compliance	IEC 61643-11 / EN 61643-11 / UL1449 ed.5	
Certification	UL / CSA / TUV SUD	
Part number		
331801		

