



Type 2 AC surge protector - unipolar

CITEL

DS71R-400



- Re-inforced Type 2 AC surge protector
- I_n : 30 kA
- I_{max} : 70 kA
- Pluggable module by phase
- Remote signaling option
- IEC 61643-11, EN 61643-11 compliance
- UL1449 ed.5 approved



	Electrical Characteristics	
	SPD type	2
<p>V: High-energy varistor Ft: Thermal fuse t*: Thermal disconnection system MI: Disconnection indicator</p>	Network	230/400 V
	Nominal line voltage	Un 400 Vac
	Max. AC operating voltage	Uc 440 Vac
	Temporary Over Voltage (TOV) Characteristics - 5 sec. Without disconnection	UT 580 Vac withstand
	Temporary Over Voltage (TOV) Characteristics - 120 mn Without disconnection or with safety disconnection	UT 770 Vac disconnection
	Residual Current Leakage current to Ground	Ipe < 1 mA
	Follow current	If None
	Nominal discharge current 15 x 8/20 μ s impulses	I_n 30 kA
	Max. discharge current max. withstand @ 8/20 μ s by pole	I_{max} 70 kA
	Total Maximum discharge current max. total withstand @ 8/20 μ s	I_{max} Total 70 kA
	Connection mode(s)	L/N or N/PE
	Protection mode(s)	Common Mode or Differential Mode
	Protection level @ I_n (8/20 μ s)	Up 1.8 kV
	Residual voltage at 5 kA @ 5 kA (8/20 μ s)	Up-5kA 1.5 kV
	Admissible short-circuit current	Iscrc 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	2 mechanical indicators by pole	
Spare module(s)	DSM70R-400	
Remote signaling of disconnection	option DS71RS-400 : output on changeover contact	
Dimensions	See diagram	
Weight	0.14 kg	
Disconnectors		
Thermal disconnector	Internal	
Installation ground fault breaker	Type 'S' or delayed	
Back-up protection device	100 A min. - 125 A max. - Fuses type gG	
Standards		
Standards compliance	IEC 61643-11 / EN 61643-11 / UL1449 ed.5	
Certification	CSA / UL	
Part number		
321401		

