



# CITEL



## Type 2 AC surge protector - unipolar

### DS71RS-120

- › Discover our latest innovation : the [DAC80S-10-150](#)
- › Re-inforced Type 2 AC surge protector
- › In : 30 kA
- › Imax : 70 kA
- › Pluggable module by phase
- › Remote signaling
- › IEC 61643-11, EN 61643-11 compliance
- › UL1449 ed.5 approved



Electrical Characteristics		
SPD type	IEC	2
Network		120/208 V
Nominal line voltage	Un	120 Vac
Max. AC operating voltage	Uc	150 Vac
Temporary Over Voltage (TOV) Characteristics - 5 sec. <i>Without disconnection</i>	UT	180 Vac withstand
Temporary Over Voltage (TOV) Characteristics - 120 mn <i>Without disconnection or with safety disconnection</i>	UT	230 Vac disconnection
Residual Current <i>Leakage current to Ground</i>	Ipe	< 1 mA
Follow current	If	None
Nominal discharge current <i>15 x 8/20 μs impulses</i>	In	30 kA
Max. discharge current <i>max. withstand @ 8/20 μs by pole</i>	Imax	70 kA
Total Maximum discharge current <i>max. total withstand @ 8/20 μs</i>	Imax Total	70 kA
Connection mode(s)		L/N or N/PE
Protection mode(s)		Common Mode or Differential Mode
Protection level <i>@ In (8/20μs)</i>	Up	1 kV
Residual voltage at 5 kA <i>@ 5 kA (8/20μs)</i>	Up-5kA	0.6 kV
Admissible short-circuit current	Iscrr	25 000 A
Mechanical Characteristics		
Technology		MOV
SPD configuration		Single phase
Connection to Network		By screw terminals: 2.5-25mm <sup>2</sup> / 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-120
Remote signaling of disconnection		Output on changeover contact
Dimensions		See diagram
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		cRUus

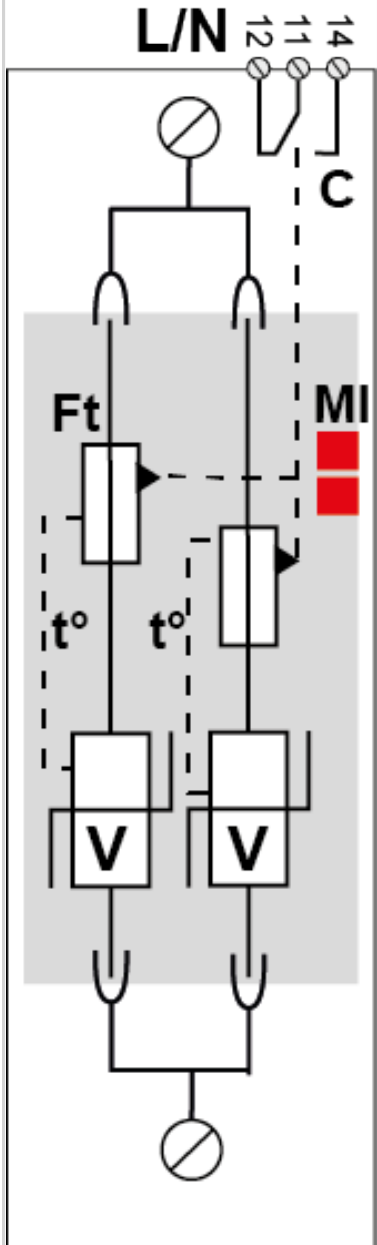
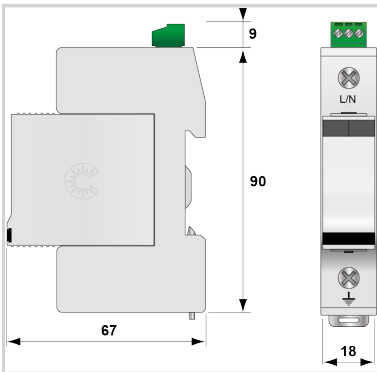


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## DS71RS-120

Part number

321611



V: High-energy varistor  
 Ft: Thermal fuse  
 C: Remote signal contact  
 t°: Thermal disconnection system  
 MI: Disconnection indicator

