



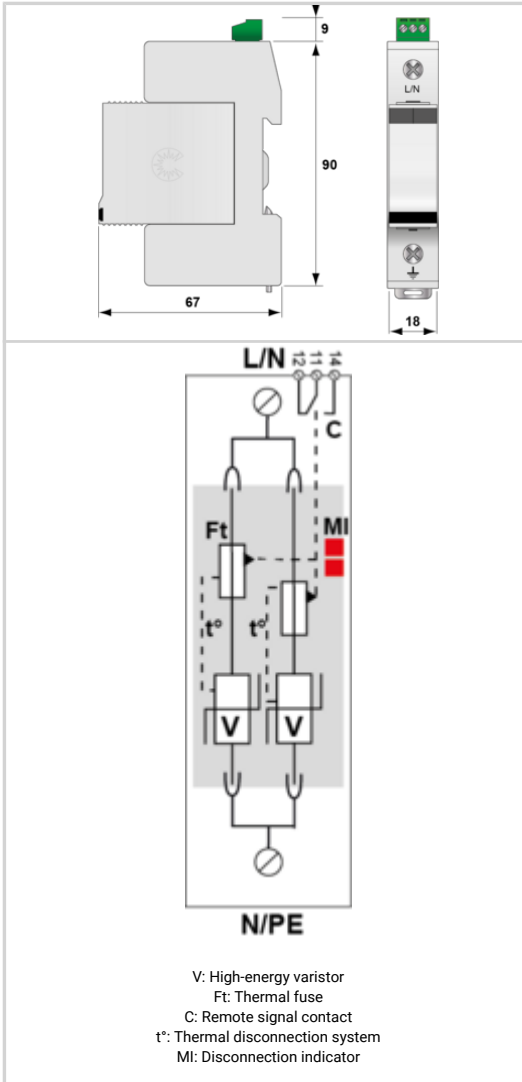
# Type 2 AC surge protector - unipolar

# CITEL

## DS71RS-230



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



Electrical Characteristics	
SPD type	2
Network	230/400 V
Nominal line voltage	Un 230 Vac
Max. AC operating voltage	Uc 255 Vac
Temporary Over Voltage (TOV) Characteristics - 5 sec. Without disconnection	UT 335 Vac withstand
Temporary Over Voltage (TOV) Characteristics - 120 mn Without disconnection or with safety disconnection	UT 440 Vac disconnection
Residual Current Leakage current to Ground	Ipe < 1 mA
Follow current	If None
Nominal discharge current 15 x 8/20 $\mu$ s impulses	In 30 kA
Max. discharge current max. withstand @ 8/20 $\mu$ s by pole	I <sub>max</sub> 70 kA
Total Maximum discharge current max. total withstand @ 8/20 $\mu$ s	I <sub>max</sub> Total 70 kA
Connection mode(s)	L/N or N/PE
Protection mode(s)	Common Mode or Differential Mode
Protection level @ In (8/20 $\mu$ s)	Up 1.4 kV
Residual voltage at 5 kA @ 5 kA (8/20 $\mu$ s)	Up-5kA 0.9 kV
Admissible short-circuit current	I <sub>sc</sub> 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-230
Remote signaling of disconnection	Output on changeover contact
Dimensions	See diagram
Weight	0.16 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	UL Recognized
Part number	
321711	

