



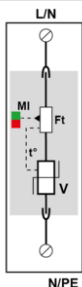
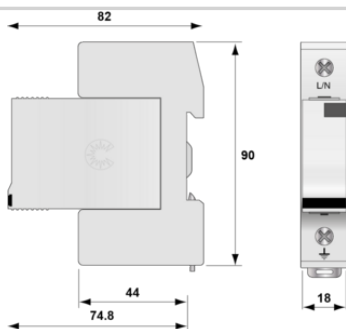
CITEL

Type 1+2 AC surge protector - 1-pole

DS131R-230



- Type 1 + 2 AC surge protector
- I_n : 20 kA
- I_{imp} : 12,5 kA
- Pluggable module for each phase
- Remote signaling (option)
- EN 61643-11, IEC 61643-11 and UL1449 4ed. compliance



V: High-energy varistor
Ft: Thermal fuse
t*: Thermal disconnection system
MI: Disconnection indicator

Electrical Characteristics

SPD type	1+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
Follow current	If None
Nominal discharge current 15 x 8/20 μ s impulses	In 20 kA
Max. discharge current max. withstand @ 8/20 μ s by pole	Imax 50 kA
Impulse current by pole max. withstand 10/350 μ s by pole	Iimp 12.5 kA
Withstand on overvoltages IEEE C62.41.1	20 kV
Specific energy by pole max. withstand 10/350 μ s	W/R 40 kJ/ohm
Connection mode(s)	L/N or N/PE
Protection mode(s)	Common Mode or Differential Mode
Protection level @ In (8/20 μ s)	Up 1.3 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 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)	DSM130R-230
Remote signaling of disconnection	option DS131RS-230 : output on changeover contact
Dimensions	See diagram
Weight	0.154 kg

Disconnectors

Thermal disconnector	Internal
Installation ground fault breaker	Type 'S' or delayed
Back-up protection device	Fuses Type gG - 125 A

Standards

Standards compliance	IEC 61643-11 / EN 61643-11 / UL1449 ed.5
Certification	

Part number

571501

