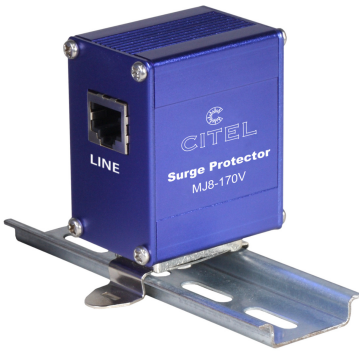




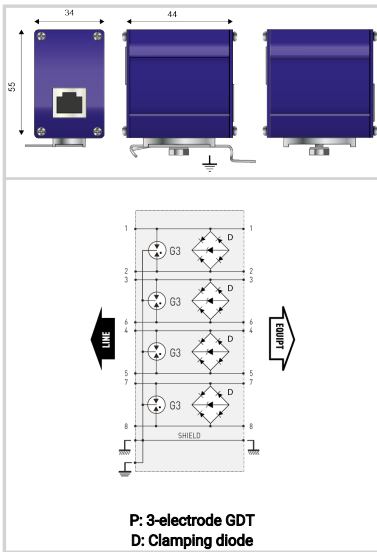
# CITEL

## Surge protector for telephone line 1 to 4-pairs

### MJ8-170V



- Telecom line surge protector
- PSTN or ADSL line
- 4-pair
- Instantaneous installation
- RJ45 connector



#### Electrical Characteristics

Network		RTC, ADSL2, VDSL2 - 4 pairs
Nominal line voltage	Un	150 Vdc
Max. DC operating voltage	Uc	170 Vdc
Max. frequency	f max.	> 10 MHz
Max. data rate		30 Mbps
Insertion loss		< 1 dB
Max. load current @25°C	IL	2 A
Nominal Discharge Current, X-C (Line/Earth) 8/20µs Test x 10 - C2 Category	In L/PE	2000 A
Protection Level C3 (10/1000µs), 300 applications@10 A, Y-Y (Line/Line)	Up	220 V
Protection Level C3 (10/1000µs), 300 applications@10 A, Y-C (Line/Earth)	Up	220 V
Impulse current 2 x 10/350µs Test - D1 Category	Iimp	500 A
Line/Line Nominal discharge current C2 Category	In L/L	500 A

#### Mechanical Characteristics

Technology		GDT+TVS diode
SPD configuration		4 pairs+shielded
Connection to Network		RJ45 connector Female input/output
Format		Connector RJ45
Mounting		DIN rail / Wall / Plate
Accessory(s) provided		DIN rail adapter, screw, screw nut, earthing plate, countersunk screw, cable shoe
Housing material		Aluminium
Operating temperature	Tu	-40/+85°C
Protection rating		IP20
Failsafe mode		Short-circuit - transmission cut-off
Pinout		4-pairs (1-2)(3-6)(4-5)(7-8)
Dimensions		See diagram
Weight		0.112 kg

#### Standards

Standards compliance		IEC 61643-21 / EN 61643-21
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#### Part number

560203
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