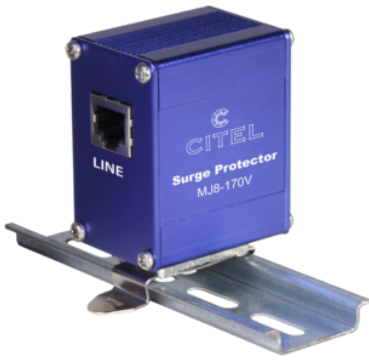


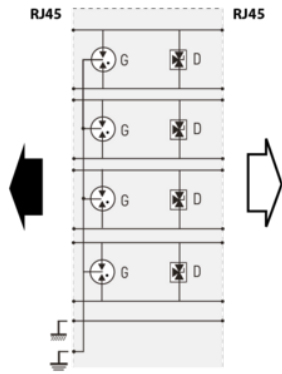
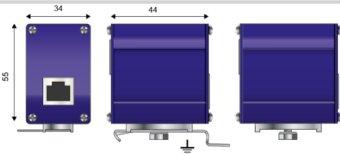


# CITEL

## MJ8-170V



- TELCO Line Surge Protector
- PSTN, xDSL, ISDN
- RJ45 in/out
- DIN Rail, Screw Lug, and Flange Mounting
- IEC61643-21 compliant
- UL497A compliant



P: 3-electrode GDT  
D: Clamping diode

Electrical Characteristics		
Network		RTC, ADSL2, VDSL2 - 4 pairs
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	1000 mA
Protection Level <i>C3 (10/1000µs), 300 applications@10 A, X-X (Line/Line)</i>	Up	220 V
Protection level <i>C3 (10/1000µs), 300 applications@10 A, X-C (Line/Earth)</i>	Up	220 V
Impulse current <i>2 x 10/350µs Test - D1 Category</i>	Iimp	500 A
Nominal Discharge Current, X-C (Line/Earth) <i>8/20µs Test x 10 - C2 Category</i>	In L/PE	2000 A
NOMINAL DC LINE VOLTAGE	Vdc	150
MAX. DC LINE VOLTAGE	Vdc	170
AMBIENT MIN	(C)	-40
AMBIENT MAX	(C)	+85
PROTECTION LEVEL	(V)	220
IMAX <i>8/20µs</i>	(kA)	16
MAX. DATA RATE	Gbps	.03
MAX. FREQUENCY	Mhz	10
Mechanical Characteristics		
Technology		GDT+TVS diode
Connection to Network		RJ45 connector Female input/output
Format		Connector RJ45
Accessory(s) provided		DIN rail adapter, screw, screw nut, earthing plate, countersunk screw, cable shoe
Failsafe mode		Short-circuit - transmission cut-off
Pinout		4-pairs (1-2)(3-6)(4-5)(7-8)
Weight		0.112 kg
TECHNOLOGY		SAD-GDT
CONNECTOR TYPE		RJ45
PIN OUT		[1-2][3-6][4-5][7-8]
MOUNTING		Mounting Flange, Screw Lug, DIN Rail
MATERIAL		Aluminum cast
NEMA RATING (IP RATING)		NEMA 1 (IP20)
DIMENSIONS		See diagram (mm)
Part number		
560203		

