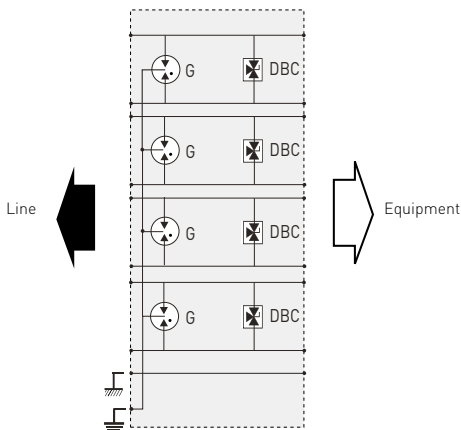
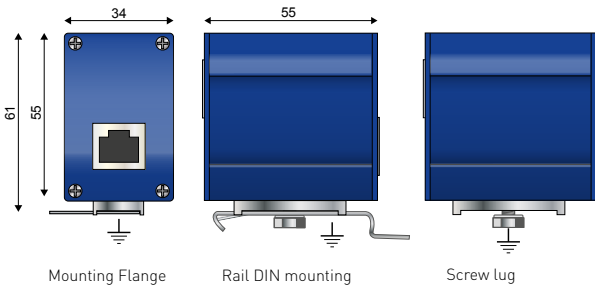


# MJ8-C6A



- up to 10Gigabit Ethernet compatible
- Category 6A compatible
- RJ45 connectors
- Bi-directional
- Mounted on frame or DIN rail
- IEC 61643-21, EN 61643-21 and UL497B compliance

## Characteristics



G : 3-electrode gas tube  
 DBC : Low capacitance diode

CITEL Model	MJ8-C6A
Description	RJ45 surge protector for Category 6A network
Network	10Gigabit Ethernet Category 6A
Max. data rate	10 Gbps
SPD configuration	4 pairs + shield
Pin outs	(1-2)(3-6)(4-5)(7-8)
Nominal line voltage	Un 5 Vdc
Max. DC operating voltage	Uc 8 Vdc
Max. Load current	IL 1000 mA
Max. frequency	f max > 500 MHz
Insertion loss	< 1 dB
Line/Ground Nominal discharge current <i>8/20µs Test x 10 - category C2</i>	In 2000 A
Nominal discharge current Line/Line <i>8/20µs Test x 10 - category C2</i>	In 500 A
Impulse current - <i>2 x 10/350µs Test - D1 Category</i>	Iimp 500 A
Protection level <i>following C3 Category test - Line/Line</i>	Up 20 V
Failsafe behavior	Short-circuit
<b>Mechanical characteristics</b>	
Dimensions	see diagram
Format	RJ45 connector
Connection to Network	RJ45 shielded connector female input/output
Disconnection indicator	transmission interrupt - default mode 2
Mounting	Mounting flange, Screw lug, DIN Rail
Operating temperature	-40/+85°C
Protection rating	IP20
Housing material	Aluminium
<b>Standards</b>	
Compliance	IEC 61643-21 / EN 61643-21 / UL497B IEEE 802-3af/3at/3bt/ ANSI/TIA-568-C.1
<b>Part number</b>	
	581540