



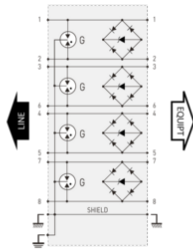
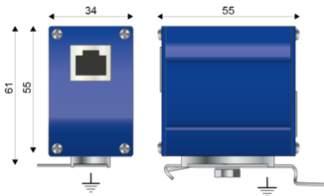
RJ45 surge protector for CAT6A cabling network

CITEL

MJ8-C6A



- ↳ up to 10-Gigabit Ethernet compatible
- ↳ Category 6A compatible
- ↳ RJ45 Shielded connectors
- ↳ Mounted on frame or DIN rail
- ↳ Compliance IEC 61643-21, EN 61643-21
- ↳ Certified UL497B



G: 3-electrode GDT
 DBC: 3-pole Low capacitance diode

| Electrical Characteristics | | |
|--|---------|---|
| Network | | 10Gigabit Ethernet - Cat 6A cabling specification |
| Nominal line voltage | Un | 5 Vdc |
| Max. DC operating voltage | Uc | 8 Vdc |
| Max. frequency | f max. | 500 MHz |
| Max. data rate | | 10 Gbps |
| Insertion loss | | < 1 dB |
| Protection level @ In (8/20 μs) | Up L/L | 20 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 |
| Nominal Discharge Current, X-C (Line/Earth) 8/20μs Test x 10 - C2 Category | In L/PE | 2000 A |
| Mechanical Characteristics | | |
| Technology | | GDT+Clamping diode |
| SPD configuration | | 4 pairs+shielded |
| Connection to Network | | RJ45 shielded connectors Female input/output |
| Format | | Connector RJ45 |
| Mounting | | Mounting flange,Screw lug, DIN Rail |
| 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 |
| Disconnection indicator | | Transmission interrupt - default mode 2 |
| Pinout | | (1-2)(3-6)(4-5)(7-8) |
| Dimensions | | See diagram |
| Weight | | 0.106 kg |
| Standards | | |
| Standards compliance | | IEC 61643-21/ EN 61643-21 / UL497B IEEE 802-3af/3at/3bt/ANSI/TIA-568-C.1 |
| Certification | | UL 497B |
| Part number | | |
| 581540 | | |

