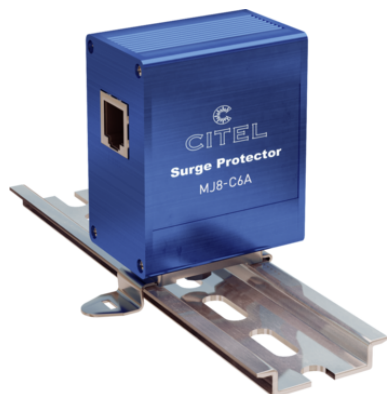
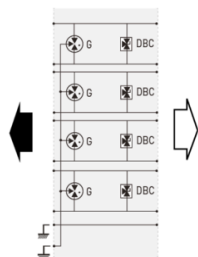
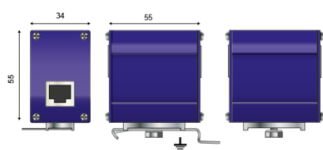


## MJ8-C6A



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



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

### Caractéristiques Électriques

|                                                                            |         |                                                   |
|----------------------------------------------------------------------------|---------|---------------------------------------------------|
| Network                                                                    |         | 10Gigabit Ethernet - Cat 6A cabling specification |
| Max. DC operating voltage                                                  | Uc      | 8 Vdc                                             |
| Max. frequency                                                             | f max.  | > 250 MHz                                         |
| Max. data rate                                                             |         | 10 Gbps                                           |
| Insertion loss                                                             |         | < 1 dB                                            |
| Max. load current                                                          | IL      | 1000 mA                                           |
| Protection level(Following the test category C3 (IEC61643-21) - Line/Line) | Up      | 20 V                                              |
| Max. capacitance                                                           | C       | < 25 pF                                           |
| Impulse current(2 x 10/350µs Test - D1 Category)                           | Iimp    | 500 A                                             |
| Line/Line Nominal discharge current (8/20µs Test x 10 - C2 Category )      | In L/L  | 500 A                                             |
| Line/Ground Nominal discharge current (8/20µs Test x 10 - C2 Category)     | In L/PE | 2000 A                                            |

### Caractéristiques Mécaniques

|                         |  |                                              |
|-------------------------|--|----------------------------------------------|
| 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          |
| Housing material        |  | Aluminium                                    |
| Operating temperature   |  | -40/+85°C                                    |
| Protection rating       |  | IP20                                         |
| Failsafe mode           |  | Short-circuit                                |
| Disconnection indicator |  | Transmission interrupt - default mode 2      |
| Pin outs                |  | (1-2)[3-6][4-5][7-8]                         |
| Weight                  |  | 0.114 kg                                     |

### Normes

|                      |  |                                                                           |
|----------------------|--|---------------------------------------------------------------------------|
| Standards compliance |  | IEC 61643-21/ EN 61643-21 / UL497B IEEE 802-3at/3at/3bt/ ANSI/TIA-568-C.1 |
|----------------------|--|---------------------------------------------------------------------------|

### Code article

581540