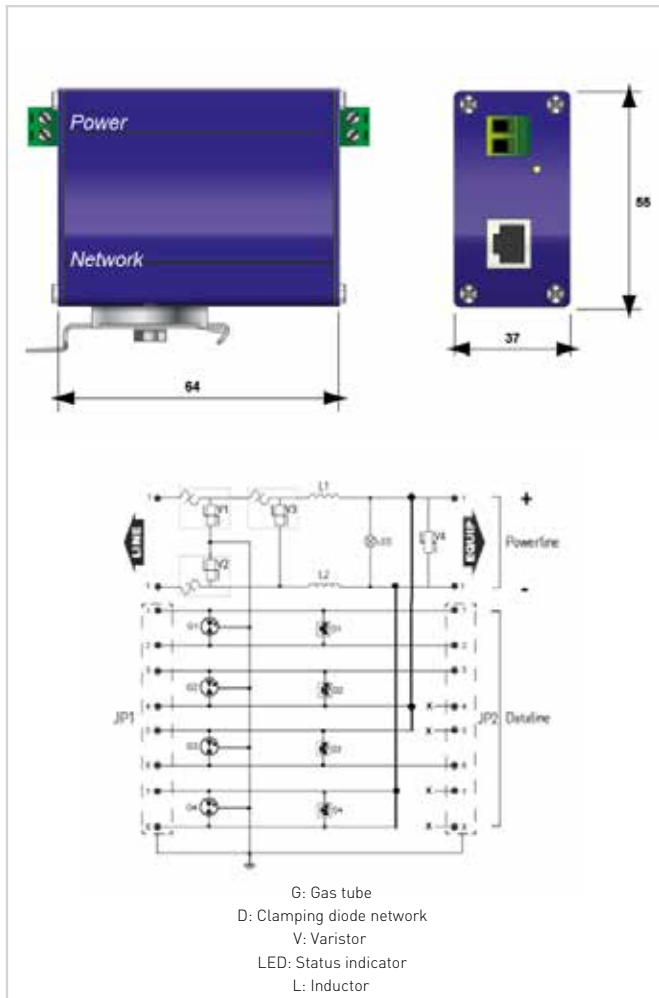


# Dataline Surge Protectors MSP-VM24/RI Series



- ✦ Combined POE Injector and SPD
- ✦ Supports POE, POE+, POE++/Ultra POE, High Power POE
- ✦ Hybrid SAD-GDT Technology
- ✦ DIN rail mount with integrated ground connection
- ✦ Power supply option

## Dimensions and Electrical Diagram



## Characteristics

| CITEL Part Number          |                | MSP-VM24/RI                                  | MSP-VM48/RI |
|----------------------------|----------------|----------------------------------------------|-------------|
| Power                      |                |                                              |             |
| Nominal Voltage            | Un             | 24Vdc                                        | 48Vdc       |
| Maximum Voltage            | U <sub>c</sub> | 30Vdc                                        | 60Vdc       |
| Line Current               | IL             | 5A                                           | 5A          |
| Nomimal Discharge Current  | In             | 5kA                                          | 5kA         |
| Maximum Discharge Current  | Imax           | 10kA                                         | 10kA        |
| Protection Level           | Up             | 0.3kV                                        | 0.8kV       |
| Connection                 |                | Screw terminal : maximum 2.5 mm <sup>2</sup> |             |
| Failure Mode               |                | Power failure and green led off              |             |
| Data 2 Pair                |                |                                              |             |
| Maximum Voltage            | Uc             | 8Vdc                                         | 8Vdc        |
| Nominal Discharge Current  | In             | 2.5kA                                        | 2.5kA       |
| Maximum Discharge Current  | Imax           | 5kA                                          | 5kA         |
| Protection Level           | Up             | 20kV                                         | 20kV        |
| Connection                 |                | Screw terminal : maximum 1.5 mm <sup>2</sup> |             |
| Failure Mode               |                | Short-circuit status (transmission fault)    |             |
| Mechanical Characteristics |                |                                              |             |
| Dimensions                 |                | See diagram                                  |             |
| Housing Material           |                | Aluminum cast                                |             |
| Mounting                   |                | DIN rail or on plate (flange)                |             |
| Groung Network Connection  |                | DIN rail or flange                           |             |

## Versions

|             | Part Number | Power Supply |
|-------------|-------------|--------------|
| MSP-VM24/RI | 890192      | 890198       |
| MSP-VM48/RI | 890193      | 890199       |