



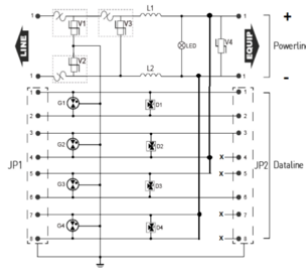
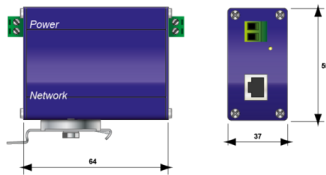
# POE Injector Surge Protector - I<sub>max</sub> 10kA - I<sub>n</sub> 5kA

# CITEL

## MSP-VM24-RINJ



- ↳ Combined POE Mid-Span Injector or Splitter and SPD
- ↳ Supports 802.3af, 802.3at, 802.3bt (POE++)
- ↳ Hybrid SAD-GDT Technology
- ↳ DIN rail mount with integrated ground connection
- ↳ Integrated power supply injector connector (power supply separate)



G: Gas tube  
 D: Clamping diode network  
 V: Varistor  
 LED: Status indicator  
 L: Inductor

### Electrical Characteristics

POWER CIRCUIT NOMINAL VOLTAGE	Vdc	24
POWER CIRCUIT MAX VOLTAGE	Vdc	30
DATA CIRCUIT MAXIMUM VOLTAGE	Vdc	8
LINE CURRENT MAX	(A)	5
AMBIENT MIN	(C)	-35
AMBIENT MAX	(C)	+85
IN-POWER CIRCUIT	kA-8 /20us	5
IN-DATA CIRCUIT	kA-8 /20us	2.5
IMAX-POWER CIRCUIT	kA-8 /20us	10

### Mechanical Characteristics

Connection to Network	By screw terminals: 2.5mm <sup>2</sup> max.	
TECHNOLOGY	MOV for Power and SAD-GDT for Data	
NETWORK CONFIGURATION	2-Wire Power, RJ45 Ethernet	
CONNECTION METHOD	Screw Terminal (8-12AWG), RJ45	
MOUNTING	Wall mount	
MATERIAL	Aluminum cast	
NEMA RATING (IP RATING)	NEMA 2 (IP20)	
FAIL-SAFE BEHAVIOR	Disconnection via fuse-link	
REAL-TIME DIAGNOSTICS	Loss of signal	
DIMENSIONS	See diagram	
WEIGHT	0.30 lbs	

### Standards

UL STANDARD	-	
UL CATEGORY	-	
UL FILE NUMBER	-	
STANDARDS	IEC 61643-11, IEC 61643-21, NOM-003-SCFI-2014, NOM-001-SCFI-1993	
ENVIRONMENTAL STANDARDS	ROHS	

**Part number**  
**420452**

