

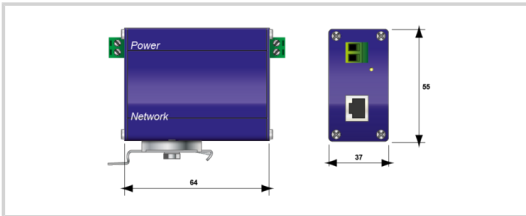


# CITEL

## MSP-VM24/R



- ↳ Security camera surge protector
- ↳ AC + Cat.5 (connector RJ45)
- ↳ Compact aluminium housing
- ↳ Rail DIN mounting or plate



Electrical Characteristics		
SPD type		2+3
Network		24 Vac/Vdc
Nominal line voltage	Un	24 Vac/Vdc
Max. DC operating voltage	Uc	30 Vac/Vdc
Insertion loss		< 1 dB
Max. load current @25°C	IL	5 A
Nominal discharge current 15 x 8/20 μs impulses	In	5 kA
Max. discharge current max. withstand @ 8/20 μs by pole	Imax	10 kA
Withstand on Combination waveform IEC 61643-11 Class III test: 1.2/50μs - 8/20μs	Uoc	10 kV / 5 kA
Protection mode(s)		Common/Differential mode
Protection level Following the test category C3 (IEC61643-21) - Line/Line	Up	220 V
Protection level L/N @ In (8/20μs)	Up L/N	20 V
Protection level L/PE @ In (8/20μs)	Up L/PE	20 V
Nominal discharge current C2 Category	In	2.5 kA
<b>ELEC</b>		
Protection level @ In (8/20μs)	Up	20 V
<b>ELEC</b>		
Network		4 pairs Ethernet 100 Base-TX
<b>ELEC</b>		
Max. DC operating voltage	Uc	8 Vdc
<b>ELEC</b>		
Max. frequency	f max.	125 MHz
<b>ELEC</b>		
Insertion loss		< 1dB
<b>ELEC</b>		
Max. load current@25°C	IL	300 mA
<b>ELEC</b>		
Max. discharge current max. withstand @ 8/20 μs by pole	Imax	5 kA
<b>ELEC</b>		
Protection level @ In (8/20μs)	Up	20 V
<b>ELEC</b>		
Protection level L/N @ In (8/20μs)	Up L/N	20 V
<b>ELEC</b>		
Protection level L/PE @ In (8/20μs)	Up L/PE	20 V
<b>ELEC</b>		
Nominal discharge current C2 Category	In	2.5 kA
<b>Mechanical Characteristics</b>		
Technology		MOV+GDT
Connection to Network		By screw terminals: 2.5mm² max.
Format		DIN rail or flange
Mounting		DIN rail or plate (flange)
Housing material		Anodized aluminum
Operating temperature	Tu	-40/+85°C
Protection rating		IP20
Failsafe mode		Disconnection and Power cut off
Disconnection indicator		Green LED OFF and line cut off
Voltage/operating indicator		Green Led ON
Dimensions		See diagram
<b>Disconnectors</b>		
Thermal disconnecter		Internal

Standards	
Standards compliance	IEC 61643-11 / EN 61643-11 / UL1449 ed.5
Part number	
420412	