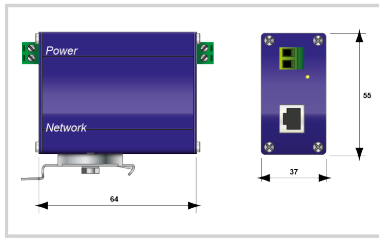




CITEL



MSP-VM24/R

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



Electrical Characteristics

SPD type	IEC	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
Max. load current @25°C	IL	300 mA
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
Nominal discharge current C2 Category	In	2.5 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 C3 (10/1000μs), 300 applications@10 A, Y-Y (Line/Line)	Up	220 V
Protection Level C3 (10/1000μs), 300 applications@10 A, Y-C (Line/Earth)	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

ELEC

Protection level @ In (8/20μs)	Up	20 V
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ELEC

Network		4 pairs Ethernet 100 Base-TX
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ELEC

Max. DC operating voltage	Uc	8 Vdc
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ELEC

Max. frequency	f max.	125 MHz
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ELEC

Insertion loss		< 1dB
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ELEC

Max. discharge current max. withstand @ 8/20 μs by pole	Imax	5 kA
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ELEC

Nominal discharge current C2 Category	In	2.5 kA
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ELEC

Protection level @ In (8/20μs)	Up	20 V
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ELEC

Protection level L/N @ In (8/20μs)	Up L/N	20 V
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ELEC

Protection level L/PE @ In (8/20μs)	Up L/PE	20 V
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Mechanical Characteristics

Technology		MOV+GDT
Connection to Network		By screw terminals: 2.5mm ² 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
Operating indicator		Green Led ON
Dimensions		See diagram

Disconnectors

Thermal disconnector		Internal
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Standards



CITEL

MSP-VM24/R

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

