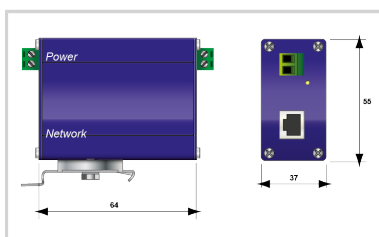




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MSP-VM24/R

- 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
ELEC		
Network		4 pairs Ethernet 100 Base-TX
ELEC		
Max. DC operating voltage	Uc	8 Vdc
ELEC		
Max. frequency	f max.	125 MHz
ELEC		
Insertion loss		< 1dB
ELEC		
Max. discharge current max. withstand @ 8/20 µs by pole	Imax	5 kA
ELEC		
Nominal discharge current C2 Category	In	2.5 kA
ELEC		
Protection level @ In (8/20µs)	Up	20 V
ELEC		
Protection level L/N @ In (8/20µs)	Up L/N	20 V
ELEC		
Protection level L/PE @ In (8/20µs)	Up L/PE	20 V
Mechanical Characteristics		
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
Operating indicator		Green Led ON
Dimensions		See diagram
Disconnectors		
Thermal disconnector		Internal
Standards		



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MSP-VM24/R

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

