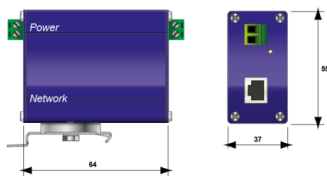


MSP-VM12/R



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



Electrical Characteristics		
SPD type		2+3
Network		12 Vac/Vdc
Nominal line voltage	Un	12 Vac/Vdc
Max. DC operating voltage	Uc	15 Vac/Vdc
Insertion loss		< 1 dB
Max. load current	IL	5 A
Nominal discharge current 15 x 8/20 μ s impulses	In	5 kA
Max. discharge current max. withstand @ 8/20 μ s by pole	Imax	10 kA
Withstand on Combination waveform IEC 61643-11 Class III test: 1.2/50 μ s - 8/20 μ s	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 (8/20 μ s)	Up L/N	20 V
Protection level L/PE @ In (8/20 μ s)	Up L/PE	20 V
Nominal discharge current C2 Category	In	2.5 kA
ELEC		
Protection level @ In (8/20 μ s)	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. load current	IL	300 mA
ELEC		
Max. discharge current max. withstand @ 8/20 μ s by pole	Imax	5 kA
ELEC		
Protection level @ In (8/20 μ s)	Up	20 V
ELEC		
Protection level L/N @ In (8/20 μ s)	Up L/N	20 V
ELEC		
Protection level L/PE @ In (8/20 μ s)	Up L/PE	20 V
ELEC		
Nominal discharge current C2 Category	In	2.5 kA
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
Voltage/operating indicator		Green Led ON
Dimensions		See diagram
Disconnectors		
Thermal disconnector		Internal
Standards		
Standards compliance		IEC 61643-11 / EN 61643-11 / UL1449 ed.5
Part number		

MSP-VM12/R

420413

