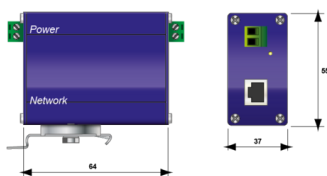


MSP-VM12/R



- 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 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
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. load current	IL 300 mA
ELEC	
Max. discharge current max. withstand @ 8/20 μs by pole	Imax 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
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 disconnecter	Internal
Standards	
Standards compliance	IEC 61643-11 / EN 61643-11 / UL1449 ed.5
Part number	
420413	