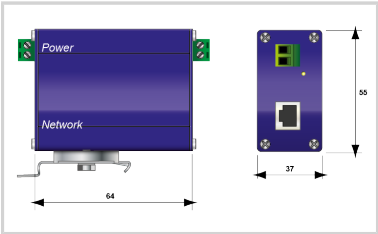
MSP-VM12/R

- 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		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 @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		
Standards compliance		IEC 61643-11 / EN 61643-11 / UL1449 ed.5

MSP-VM12/R

Part number
420413