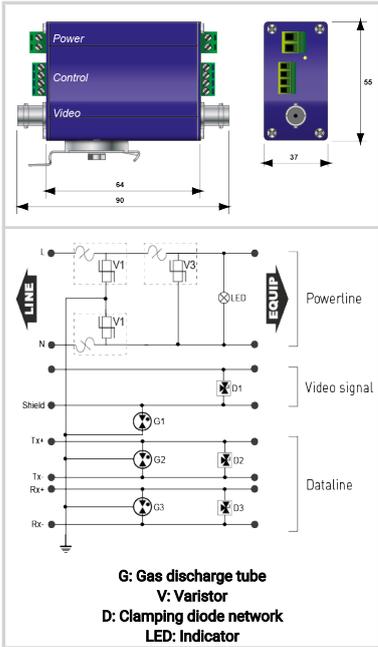




CITEL



MSP-VM12-2P



Electrical Characteristics

Network		12 Vac/Vdc
AC system		TT-TN
Max. DC operating voltage	Uc	15 Vac/Vdc
Max. frequency	f max.	16 MHz
Insertion loss		< 0.1 dB
Max. load current @25°C	IL	300 mA
Max. load current @25°C	IL	5 A
Nominal discharge current <i>15 x 8/20 μs impulses</i>	In	5 kA
Max. discharge current <i>max. withstand @ 8/20 μs by pole</i>	Imax	10 kA
Withstand on Combination waveform IEC 61643-11 <i>Class III test: 1.2/50μs - 8/20μs</i>	Uoc	10 kV / 5 kA
Protection mode(s)		Common/Differential mode
Protection level <i>@ In (8/20μs)</i>	Up	0.22 kV
Protection Level <i>C3 (10/1000μs), 300 applications@10 A, Y-Y (Line/Line)</i>	Up	0.22 kV
Protection Level <i>C3 (10/1000μs), 300 applications@10 A, Y-C (Line/Earth)</i>	Up	0.22 kV

ELEC

Network		Signal video
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ELEC

Max. DC operating voltage	Uc	6 Vdc
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ELEC

Max. frequency	f max.	16 MHz
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ELEC

Insertion loss		< 1dB
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ELEC

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

Network		2 pairs signal 0-5 V
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ELEC

Max. DC operating voltage	Uc	8 Vdc
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ELEC

Max. frequency	f max.	16 MHz
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ELEC

Insertion loss		< 1dB
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ELEC

Nominal discharge current <i>15 x 8/20 μs impulses</i>	In	2.5 kA
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ELEC

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

Protection level @ In (8/20μs)	Up	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		Green LED OFF and line cut-off
Disconnection indicator		LED green OFF and AC network cut-off
Dimensions		See diagram

Standards

Standards compliance		IEC 61643-21 / EN 61643-21
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Part number

420433

