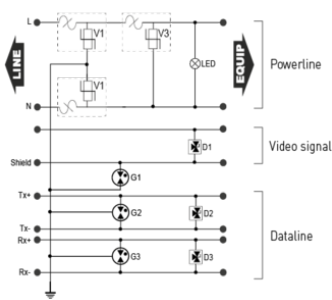
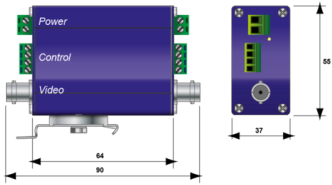




CITEL

MSP-VM230-2P



G: Gas discharge tube
V: Varistor
D: Clamping diode network
LED: Indicator

Electrical Characteristics			
Network			230 V single-phase
AC system			TT-TN
Max. DC operating voltage	Uc		255 Vdc
Max. frequency	f max.		16 MHz
Insertion loss			< 0.1 dB
Max. load current @25°C	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 @ In (8/20µs)	Up		1.2 kV
Protection level Following the test category C3 (IEC61643-21) - Line/Line	Up		20 V
ELEC			
Network			Signal video
ELEC			
Max. DC operating voltage	Uc		6 Vdc
ELEC			
Max. frequency	f max.		100 Mhz
ELEC			
Insertion loss			< 1dB
ELEC			
Max. load current@25°C	IL		300 mA
ELEC			
Nominal discharge current 15 x 8/20 µs impulses	In		5 kA
ELEC			
Max. discharge current max. withstand @ 8/20 µs by pole	Imax		10 kA
ELEC			
Protection level @ In (8/20µs)	Up		20 V
ELEC			
Network			2 pairs signal 0-5 V
ELEC			
Max. DC operating voltage	Uc		8 Vdc
ELEC			
Max. frequency	f max.		16 Mhz
ELEC			
Insertion loss			< 1dB
ELEC			
Max. load current@25°C	IL		300 mA
ELEC			
Nominal discharge current 15 x 8/20 µs impulses	In		2.5 kA
ELEC			
Max. discharge current max. withstand @ 8/20 µs by pole	Imax		5 kA
ELEC			
Protection level @ In (8/20µs)	Up		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			Green LED OFF and line cut-off
Disconnection indicator			LED green OFF and AC network cut-off

Dimensions	See diagram
Weight	0.176 kg
Standards	
Standards compliance	IEC 61643-21 / EN 61643-21 / UL1449 ed.5
Part number	
420431	