



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

Electrical Characteristics

Network		24 Vac/Vdc
Max. DC operating voltage	Uc	30 Vac/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	0.22 kV
Protection Level C3 (10/1000µs), 300 applications@10 A, X-X (Line/Line)	Up	0.22 kV
Protection level C3 (10/1000µs), 300 applications@10 A, X-C (Line/Earth)	Up	0.22 kV

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		LED green OFF and AC network cut-off
Dimensions		See diagram
Weight		0.167 kg

Standards

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

420432
