

## Surge arrester for Ethernet



**Type:** C2, C3  
**Location:** ST 3

Combination of coarse and fine protection of ethernet lines with Power over Ethernet (PoE). For protection of ethernet line Cat 6 with PoE Mode A, B against surge voltages.

### Benefits

- Simple installation
- Universal plastic adapter for mounting on DIN rail and GND 2 holder

### Features

- RJ45 sockets
- Suitable for use on 10 Gbits/s Ethernet (Cat 6A) lines

### Standards

EN 61643-11 (for surge protection devices).

### Application

Install close to protected equipment.

## Electrical specification

Order number	KM-DL-CAT.6-60V	
Maximum operating voltage	$U_c$	60V DC
Nominal load current	$I_L$	0.5A
C2 Nominal discharge current (8/20 $\mu$ s) per core	$I_n$	0.2kA
C2 Nominal discharge current (8/20 $\mu$ s) cores-PE	$I_{Total}$	1.6kA
C2 Voltage protection level mode core-core at $I_n$	$U_p$	130V
C3 Voltage protection level mode core-PE at $I_n$	$U_p$	350V
C3 Voltage protection level mode core-core at 1kV/ $\mu$ s	$U_p$	130V
Response time core-core	$t_a$	1ns
Insert attenuation at 250MHz		2dB
Connection (input - output)		RJ45/RJ45
Degree of protection		IP20
Range of operating temperatures (min - max)		-40°C - +80°C
Mounting		DIN rail 35mm and GND2 holder
According to standard		EN 61643-21+A1,A2:2013, IEC 61643-21+A1,A2:2012 / C2, C3
Weight		125g (nett), 150g (gross)

## Dimensions and wiring diagram

### KM-DL-CAT.6-60V

