

Surge arrester for telephone lines - RJ45 sockets



Protect a single pair of ISDN lines in telecommunication equipment.

Benefits

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

Features

- Provides “coarse” and “fine” protection
- Protect AC and DC systems

Standards

EN 61643-11 (for surge protection devices).

Application

Install in front of NT for protection of telecommunication equipment on ISDN lines.

Type: C2, C3
Location: ST 2+3

Electrical specification

Order number	KM-DL-ISDN-RJ45	
Maximum operating voltage (AC/DC)	U_c	86V AC/121V DC
Nominal load current	I_L	0.06A
C2 Nominal discharge current (8/20 μ s) per core	I_n	2.5kA
C2 Voltage protection level mode core-core at I_n	U_p	270V
C2 Voltage protection level mode core-PE at I_n	U_p	300V
C3 Voltage protection level mode core-core at 1kV/ μ s	U_p	180V
C3 Voltage protection level mode core-PE at 1kV/ μ s	U_p	400V
Response time core-core	t_a	1ns
Response time core-PE	t_a	100ns
Serial resistance per core	R	6.8 Ω
Threshold frequency core-core	f	80MHz
Connection (input - output)	RJ45 sockets	
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	
ETIM Class	EC000943	
Weight	125g (nett), 150g (gross)	

Dimensions and wiring diagram

KM-DL-ISDN-RJ45

