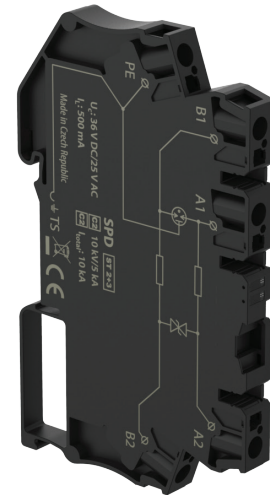


PART NO: KM-DM-006/1-RB

TYPE: Two-stage surge current arrester for RS485 signal lines

DESCRIPTION: Coarse and fine surge protection for 2 core signalling networks. Install close to equipment for protection of communication interfaces.

RATING: 6V DC nominal voltage



Standards

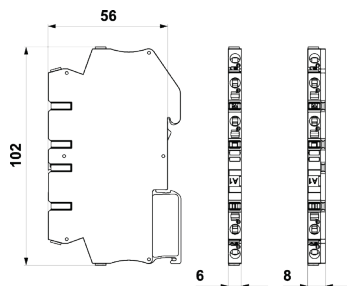
EN 61643-11 (surge protection devices).

Location: ST 2+3

Electrical specification

Order number	KM-DM-006/1-RB	
Location	ST 2+3	
Connection (input - output)	screwless terminals - screwless terminals	
Nominal voltage	U_n	6V DC
Maximum operating voltage (AC/DC)	U_c	6V AC/8.5V DC
Nominal load current	I_L	0.5A
C2 Nominal discharge current (8/20 μ s) per core	I_n	5kA
C2 Nominal discharge current (8/20 μ s) cores-PE	I_{Total}	10kA
C2 Voltage protection level mode core-core at I_n	U_p	18V
C2 Voltage protection level mode core-PE at I_n	U_p	30V
C3 Voltage protection level mode core-core at 1kV/ μ s	U_p	12V
C3 Voltage protection level mode core-PE at 1kV/ μ s	U_p	15V
Response time core-core/core-PE	t_a	1ns
Serial resistance per core	R	1.6 Ω
Threshold frequency core-core	f	1MHz
Cross-section of connected conductors (solid) (min - max)	0.08mm ² - 4mm ²	
Cross-section of connected conductors (stranded) (min - max)	0.08mm ² - 2.5mm ²	
Degree of protection	IP20	
Range of operating temperatures (min - max)	-40°C - +70°C	
Mounting	DIN rail 35mm	
According to standard	EN 61643-21+A1,A2:2013, IEC 61643-21+A1,A2:2012 / C2, C3	
ETIM Class	EC 001625	
Weight	35g (nett), 60g (gross)	

Dimensions:



Wiring diagram:

