

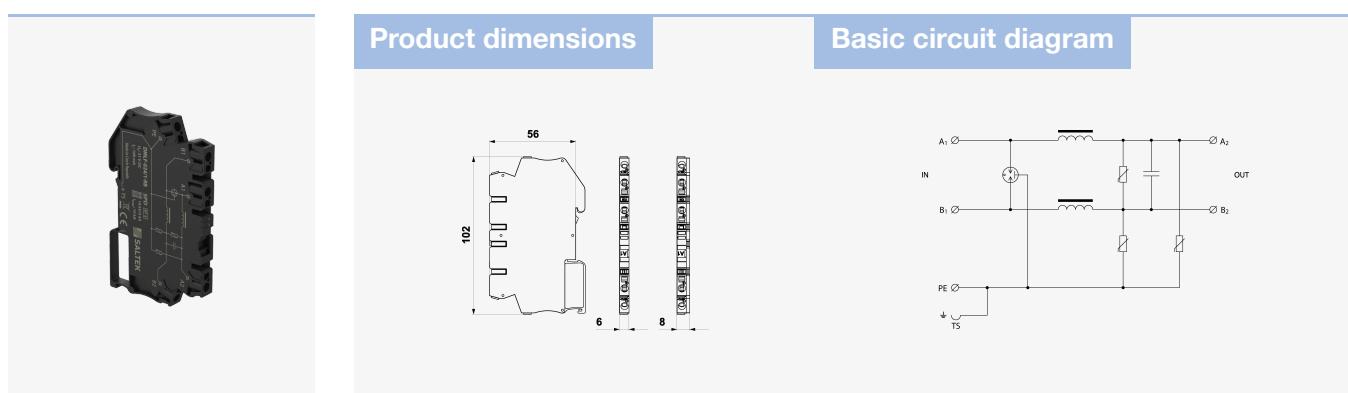
DMLF-024/1-RB

SPD - for data, signalling and telecommunications lines / I&C / Specials - RFi filter

Surge protection for low-frequency 2-core signalling networks

coupling impedance (inductance), screwless terminals

- coarse and fine surge protection for low-frequency 2-core signalling networks
- coarse and fine surge protection in differential mode (core – core) and common mode (core – PE)
- installation close to protected equipment
- for protection of analogue measuring lines in the areas with RF disturbance



Parameter name	Parameter value
Type of SPD	C2
Location of SPD	ST 2
Mounting	DIN rail 35 mm
Nominal voltage U_n	24 V DC
Maximum operating voltage U_c	31.00 V DC
Nominal load current I_L	0.100 A
Threshold frequency core-core f	0.07 MHz
D1 impulse discharge current (10/350 µs) per core	I_{imp} 0.50 kA
D1 total discharge current (10/350 µs) cores-PE	I_{Total} 1.00 kA
C2 nominal discharge current (8/20 µs) per core	I_n 5.00 kA
C2 total discharge current (8/20 µs) cores-PE	I_{Total} 10.00 kA
C2 voltage protection level mode core-PE at In	U_p 80 V

C2 voltage protection level mode core-core at In	U_p	65 V
C3 voltage protection level mode core-PE at 1 kV/ μ s	U_p	55 V
C3 voltage protection level mode core-core at 1 kV/ μ s	U_p	55 V
Response time core-core	t_a	25 ns
Response time core-PE	t_a	25 ns
Connection (input - output)	screwless terminals/screwless terminals	
Cross-section of connected conductors solid (min)	0.08 mm ²	
Cross-section of connected conductors solid (max)	4.00 mm ²	
Cross-section of connected conductors stranded (min)	0.08 mm ²	
Cross-section of connected conductors stranded (max)	2.50 mm ²	
Degree of protection	IP 20	
Range of ambient temperatures (min/max)	-40 / 70 °C	
According to standard	EN 61643-21+A1,A2:2013, IEC 61643-21+A1,A2:2012	
ETIM Class	EC001625	
Customs tariff number	85363010	
EAN	8595090560692	
Order number	A06069	

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