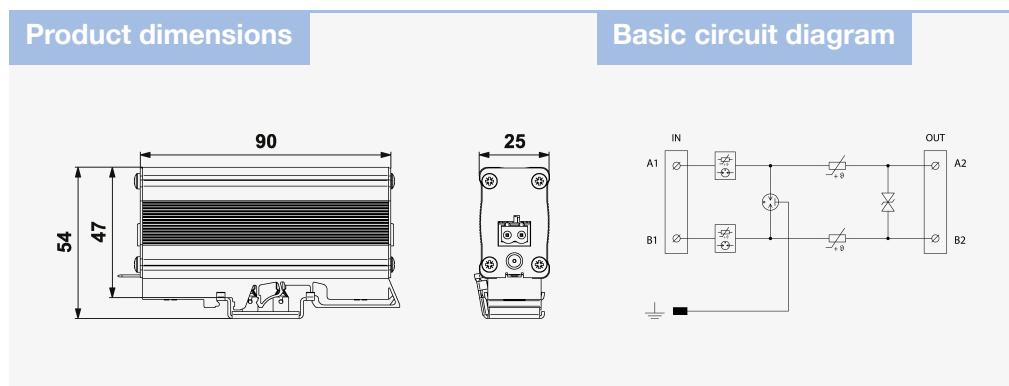


# DMS-024T

**SPD - for data, signalling and telecommunications lines / I&C / Specials - limiting current**

Surge protection with voltage and current limiting  
coupling impedance (resistance)

- special two-stage surge protection of 2-core signalling line with current limiting
- installation close to protected equipment
- for protection of communication interfaces, mainly the measuring loops, of  $I < > C$ , electronic security and fire detection systems, etc. against surge voltage where are long parallel lines with power network
- coarse and fine surge protection in differential mode (core – core) and coarse surge protection in common mode (core – PE)



Parameter name	Parameter value
Type of SPD	C2
Location of SPD	ST 2+3
Mounting	DIN rail 35 mm
Nominal voltage	$U_n$ 24 V DC
Maximum operating voltage	$U_c$ 23.00 V AC
Maximum operating voltage	$U_c$ 33.00 V DC
Nominal load current	$I_L$ 0.060 A
Threshold frequency core-core	f 1.10 MHz
Serial resistance per core	R 13.00 $\Omega$

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 $In$	$U_p$	500 V
C2 voltage protection level mode core-core at $In$	$U_p$	75 V
Response time core-core	$t_a$	1 ns
Response time core-PE	$t_a$	100 ns
Connection (input - output)		terminals
Cross-section of connected conductors solid (max)		2.50 mm <sup>2</sup>
Cross-section of connected conductors stranded (max)		2.50 mm <sup>2</sup>
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		85363030
EAN		8595090565963
Order number		A06596