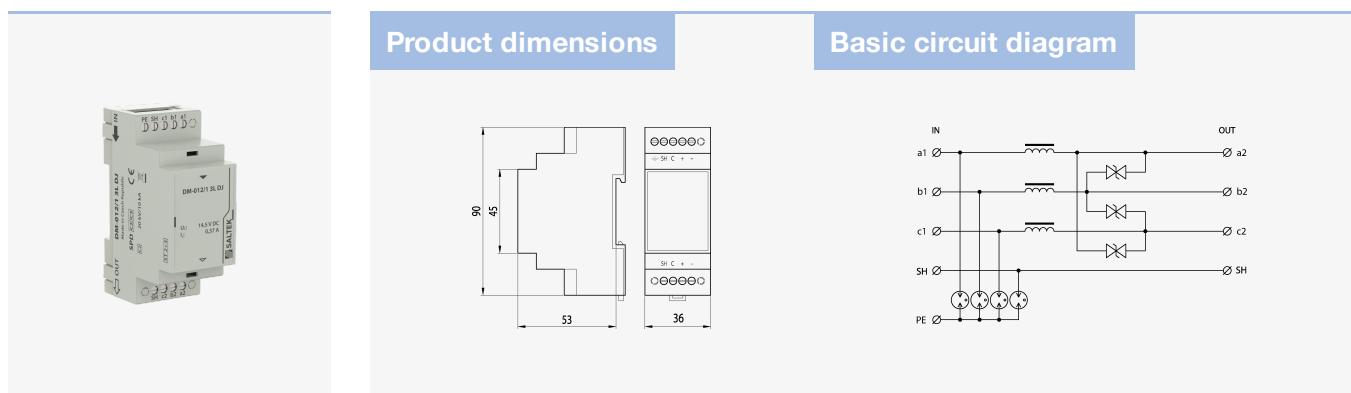


DM-012/1 3L DJ

SPD - for data, signalling and telecommunications lines / I&C / ST2+3 (DM) - compact

Surge protection for 3-core signalling lines
coupling impedance (L – inductance)

- coarse and fine surge protection for 3-core signalling lines
- installation close to protected equipment
- for protection of communication interfaces of I&C, electronic security and fire detection systems, etc. (mainly for RS-485 interfaces) against impact of surge voltage
- coarse and fine surge protection in differential mode (core – core) and coarse protection in common mode (core – PE)



Parameter name	Parameter value
Type of SPD	C2,C3
Location of SPD	ST 2+3
Mounting	DIN rail 35 mm
Nominal voltage	U_n 12 V DC
Maximum operating voltage	U_c 10.20 V AC
Maximum operating voltage	U_c 14.50 V DC
Nominal load current	I_L 0.370 A
Treshold frequency core-core	f 0.16 MHz
Serial inductance per core	L 100.00 uH

C2 nominal discharge current (8/20 µs) per core	I_n	10.00 kA
C2 voltage protection level mode core-PE at I_n	U_p	350 V
C2 voltage protection level mode core-core at I_n	U_p	35 V
C3 voltage protection level mode core-PE at 1 kV/µs	U_p	650 V
C3 voltage protection level mode core-core at 1 kV/µs	U_p	20 V
Response time core-core	t_a	1 ns
Response time core-PE	t_a	100 ns
Connection (input - output)	terminals-terminals	
Cross-section of connected conductors solid (max)	4.00 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 / 80 °C	
According to standard	EN 61643-21+A1,A2:2013, IEC 61643-21+A1,A2:2012	
ETIM Class	EC001625	
Customs tariff number	85363010	
EAN	8595090520948	
Order number	A02094	