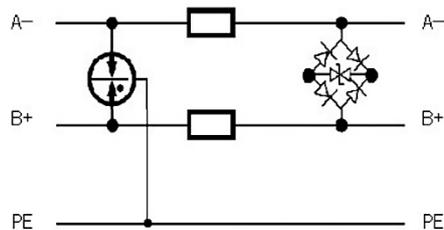
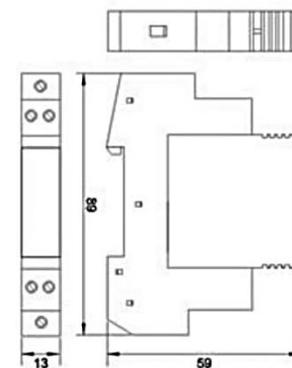


Data network surge arrester

S-DM-24/B0



Basic circuit diagram



Dimension drawing

Data network surge arrester for double-wire systems/RS485 against surges at the boundaries from lightning protection zone from 0B-2 and higher.

- Data network SPD in according with IEC61643-21;
- Can be used for tracker, controller etc. signal and data transmission surge protection.
- Pluggable surge protection for DIN mounting.
- Signal transmission is not interrupted when exchanging module.
- Two-stage protection circuit
- Suitable to use for RS232 or RS485 surge protection.

Type	S-DM-24/B0	
In accordance with	IEC 61643-21: 2005	
Nominal Voltage (Vdc) U_n	24	
Max. continuous operating voltage (Vac/dc) U_c	28/24	
C2 Nominal discharge current (8/20) I_n	5 kA	
C2 Total Nominal discharge current (8/20 μ s) I_n	10 kA	
Voltage protection level	L-L@C2 (8/20 μ s) U_p	< 55
	PG-SG@C2 (8/20 μ s) U_p	< 500
	L-L/L-PG@C3 (8/20 μ s) U_p	< 48
	PG-SG@C3 (8/20 μ s) U_p	< 600
Nominal Current (A)	0.5 A	
Transmission Speed (bps)	2Mbps	
Insertion loss (dB)	≤ 0.5	
Series impedance per line (Ohm)	2.2	
Protection line	One pair	
Mounting	35mm DIN-rail in accordance with EN 50022/DIN46277-3	
Type of Connection IN/OUT	screw/screw	
Dimensions (mm)	89 X 13 X 59	
Operating temperature range	- 40°C ~ + 80°C □	

CERTIFICATE 9001:2015

