



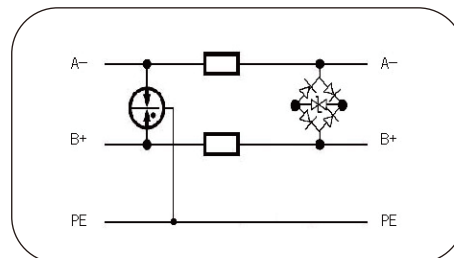
DN-24/G

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

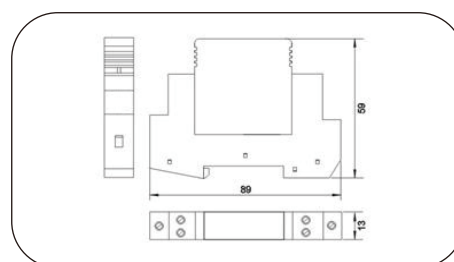
- Data network protector in according with IEC61643-21;
- Pluggable surge protection for DIN mounting;
- Signal transmission is not interrupted when exchanging module
- Limit the transients with gas discharge tubes and diodes;
- Two-stage protection circuit.
- 2 wires protection



Basic circuit diagram



Dimension drawing



Type	DN-24/G	
	24	
In accordance with	IEC 61643-21:2005	
Nominal voltage (Vdc)	Un	24
Max. continuous operating voltage (Vdc/ac)	Uc	28/24
C2 Nominal discharge current(8/20)	In	5kA
C2 Total nominal Discharge Current (8/20us)	25kA	
C2 Total impulse Current (10/350us)	5kA	
Voltage protection level (V)	L-L@C2 (8/20μs)Up	<55
	L-G@C2 (8/20μs)Up	<500
	L-L@C3 (1KV/μs)Up	<48
	L-G@C3 (1KV/μs)Up	<600
Nominal Current (A)	IL	0.5A
Transmission Speed (bps)	2Mbps	
Insertion loss (dB)	≤0.5	
Series impedance per line (Ohm)	2.2 Ohm	
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	

note: subject to change without any notice, JDA pay no responsibility