



DIN Rail Mounted High Frequency Signal Transmission Two Stage Protection Device. Suitable to use for 0-20mA, 4-20mA current loop, TTY 4-20mA, TTY, TTL, V24 (RS232C) and high-frequency transmission system etc

**Technical Data**

Model	DM-48-M2N1	
Lines Protected	1-Pair/2-Pair	
Nominal Voltage (vdc) Un	48V	
Max. continuous operating voltage (vdc/vac) Uc	54V/38.1V	
C2 nominal discharge current (8/20µs) In	10kA	
Lightning Impulse current (10/350µs) Iimp	2.5kA	
Voltage protection level	@C2 (8/20µs) Up	100V(L-L); 100V(L-G)
	@C3 (1KV/µs) Up	75V(L-L); 75V(L-G)
Rated load current IL	1A	
Cut-off frequency fG	100 MHz	
Series impedance per line R	0.68 Ω	

**Key Features:**

- UL listed dataline protector per UL 497B standard (File No. E504171)
- Pluggable DIN Rail surge protection device
- Signal transmission is not interrupted when exchanging module
- Rate load current 1A
- Two-stage protection circuit ,limit the transients with gas discharge tubes and transzorb diodes
- Earth possible on DIN Rail.
- Comply with UL497, and IEC61643-21:2012,category D1/C1/C2/C3

