

MWE602

RS485 Signal Lightning Arrester



- Support RS485 signal lightning protection
- Support 300bps~115200bpsBaudrate
- Adopting multi-level protection circuit, fast response and low output residual voltage
- Differential mode and common mode protection, self-recovery and won't interfere with the main data line's operation
- Metal shell, dustproof and anti-corrosion
- Support wide operating temperature of -40℃~+85℃ to meet the application needs of industrial environment



Product Description

MWE602 is an RS485 signal lightning arrester specially designed for RS485 serial port communication equipment. It is designed in accordance with IEC61000-4-5 and ITU-TK20/K21 standards. It adopts a multi-level protection circuit and adopts high-speed surge protection. During the protection period, the response speed is fast. The output residual voltage is low and the transmission performance is excellent. MWE602 can also be used to protect RS422 lines which customers only need to connect 2 pieces MWE602 to the four RS422 signal lines. This product has excellent lightning protection performance, which can effectively prevent lightning damage to serial port equipment and ensure the stability and reliability of communication. It adopts advanced lightning protection technology, which can absorb lightning surges in an instant. The hardware adopts low power consumption and wide temperature design, has high and low temperature resistance, and can operate stably in a temperature environment of -40℃~+85℃. It can be widely used in monitoring, recording, and metering equipment.

☑☑☑ Specification

Specification	
Serial Port	1 RS485 input with 3-pin terminal block 1 RS485 output with 2-pin terminal block
Baud Rate	300bps-115200bps
Pulse Shock	10kV/1kA (8/20us)
Working Current	0~3A
Secondary Clamping Voltage	<12V
Response Time	5ns
Insertion Loss	<0.2dB
Line Additional Capacitance	<100pF
Dimensions	73×26×26mm
Operating Temp	-40°C~+85°C
Certification	CE, FCC, RoHS

☑☑☑ Dimensions

Unit:mm



Ordering Information

Standard Model	Conversion Mode	Transmission Rate
MWE602	RS485to RS485	300bps~115200bps



Contact Us

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