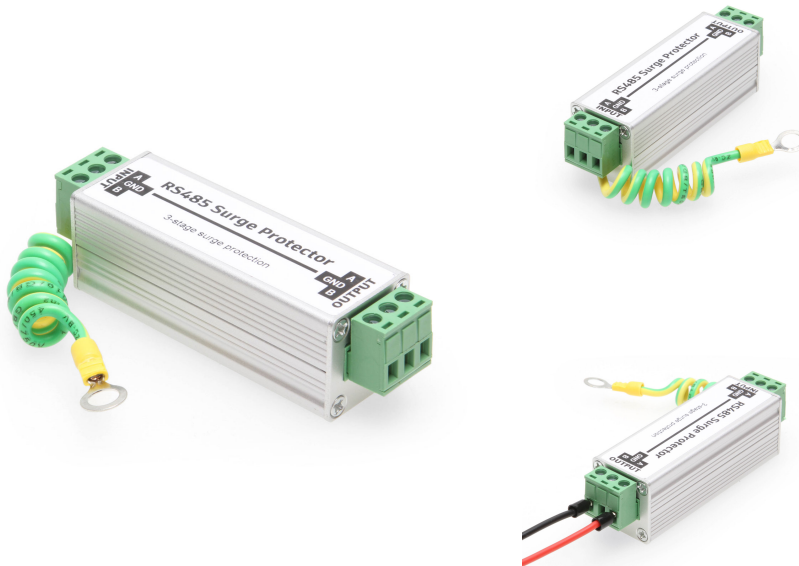


Technical Data Sheet Rev 06-250127

# RS-485 Passive Surge Protector w/ 600W TVS & 3-Stage Surge Protection

Model Number: CG-RS485-ISO



## Features

- Three-stage protection design employs a gas discharge tube, series protection resistors, and a 600W transient voltage suppressor (TVS) for comprehensive surge protection.
- Rugged, passive circuitry supports a wide operating temperature range of -40°F to 185°F (-40°C to 85°C), making it ideal for demanding environments.
- High surge resistance with DC spark-over voltage rated at 150V and protection against up to 600W surges.
- Equipped with 3-pin terminal blocks for data lines and GND wire, along with a dedicated ground cable for secure installation.
- Meets IEC 61000-4-2 ESD standards with  $\pm 30\text{kV}$  contact and air discharge, and IEC 61000-4-4 EFT standards with 50A.

## Package Contents

- Adapter
- DIN rail bracket
- User Manual

## Specifications

### OVERVIEW

<b>Model No</b>	CG-RS485-ISO	<b>Product Type</b>	USB Isolator
<b>Compliance</b>	None or N/A	<b>UPC</b>	045079164932
<b>Country of Origin</b>	Taiwan	<b>LED indicators</b>	None or N/A
<b>Electrical Protections</b>	N/A		

### PHYSICAL

<b>Ship Weight (lbs)</b>	0.16 lbs	<b>Ship Weight (kg)</b>	0.07 kg
<b>Item Weight</b>	0.15 lbs	<b>Length</b>	2.95 inches
<b>Width</b>	0.98 inches	<b>Height</b>	0.98 inches
<b>Color</b>	Silver		

### Specifications Cont.

#### CONNECTIONS

Connector(s)	3-Pin Terminal Block
Maximum Data Rate	10Mbps

#### SERIAL SPECS

Serial Modes	RS485
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#### ENVIRONMENTAL

Operating Temperature	-40°C to 85°C (-40°F to 185°F)
Storage Temperature	-40°C to 85°C (-40°F to 185°F)
Operating Humidity	5% to 95% RH

#### OS SUPPORT

Supported Operating Systems	OS independent - No software or drivers required
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#### WARRANTY

Warranty Period	1 Year
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#### PRODUCT URL

Product Page	<a href="https://www.coolgear.com/product/rs-485-passive-surge-protector-w-600w-tvs-3-stage-surge-protection">https://www.coolgear.com/product/rs-485-passive-surge-protector-w-600w-tvs-3-stage-surge-protection</a>
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### USB CHARGING & CONNECTIVITY EXPERTS

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