Coolgear, Inc.
5120 110th Ave N
Clearwater, FL 33760 USA
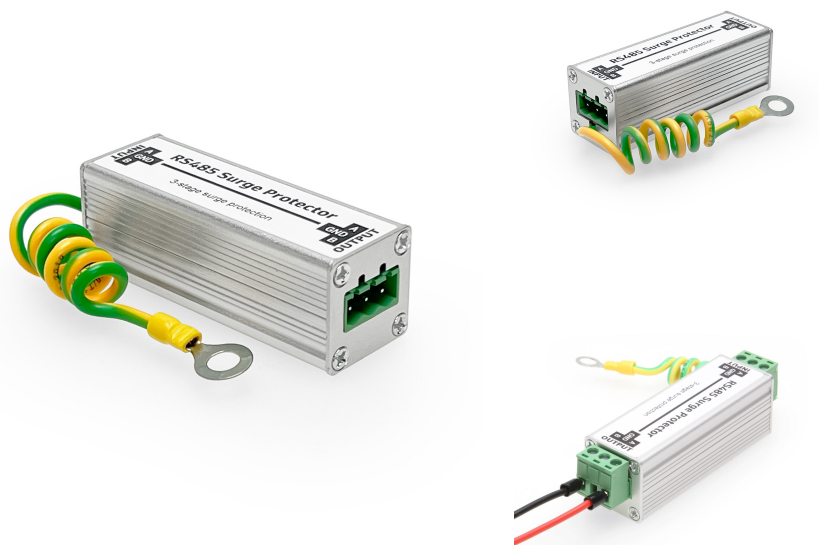
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Technical Data Sheet Rev 06-251205

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 ±30kV contact and air discharge, and IEC 61000-4-4 EFT standards with 50A.

Package Contents

- Adapter
- DIN rail bracket
- User Manual

*3-Pin terminal blocks *NOT* included

Specifications

OVERVIEW			
Model No	CG-RS485-ISO	**Product Type**	USB Isolator
Compliance	None or N/A	**UPC**	045079164932
Country of Origin	Taiwan	**LED indicators**	None or N/A
Electrical Protections	N/A		
PHYSICAL			
Ship Weight (lbs)	0.16 lbs	**Ship Weight (kg)**	0.07 kg
Item Weight	0.15 lbs	**Length**	2.95 inches
Width	0.98 inches	**Height**	0.98 inches
Color	Silver		

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Specifications Cont.

CONNECTIONS	
Connector(s)	3-Pin Terminal Block
Maximum Data Rate	10Mbps
SERIAL SPECS	
Serial Modes	RS485
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
WARRANTY	
Warranty Period	1 Year
PRODUCT URL	
Product Page	https://www.coolgear.com/product/rs-485-passive-surge-protector-w-600w-tvs-3-stage-surge-protection

USB CHARGING & CONNECTIVITY EXPERTS

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