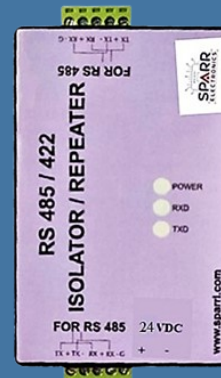


RS 485/422 ISOLATOR / REPEATER

- The RS 485/422 Isolator / Repeater - ISO 485/422 is primarily intended to provide complete Isolation between communication devices, so that they are protected against any inadvertent damage due to electrical disturbances. The ISO 485/422 also provides necessary immunity to a System against Electrical Noise Interferences and differential ground.
- The Product can also be used for extending the operational distance by acting as a Serial Repeater/Amplifier.
- ISO 485/422 is available as a compact unit enclosed in a plastic casing, which takes power from the supplied Power adaptor and also in DIN rail mount enclosure.
- The Converter is populated with Surface Mount components for good reliability and portability. At the same time, it is equipped with good and reliable Isolation to Data signals.



Features & Specifications

Interface

Serial	RS 485 and RS 422
Connectors	Screw Type Plug in Connector for RS485/RS422 or Screw type Terminal connector .
Power	DC Jack for 12v Power Supply, Screw Type Plug in Connector or Screw type Terminal connector.
Cable Length	1200 metres Maximum on either side.
Isolation	Signal: 5000 VAC RMS. Optical Isolation to signals. Power Isolation: 1500 VDC.
Protection	600W lightning proof and surge-suppress, 30KV ESD protection.
Baud Rate	300 to 115200 baud

Indicators (LED)

Yellow	Receive Data (RxD)
Green	Transmit Data (TxD)
Red	Power ON

Power

Input	11-13 VDC. 12V 1A External Adaptor Provided. 22-26VDC or 12-26VDC
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Environmental

Operating	0 °C to 70 °C
Storage	-40 °C to 85 °C

Packaging

Product Name	ISO 485/422	ISO 485/422-24	ISO 485-24 (DIN rail Mount)
Part Number	2766062764	2766063555	2766068050
Dimensions	102mm(L) x 54mm(W) x 30mm(H)	102mm(L) x 54mm(W) x 30mm(H)	90mm(L) x 36mm(W) x 57.5mm(H)
Weight	65g	65g	75g
Warranty	12 Months	12 Months	12 Months
Mounting	Table Top	Table Top	Table Top, 35mm DIN rail
Component Used	Complies with UL1577, UL62368	Complies with UL1577, UL62368	Complies with UL1577, UL62368
Adaptor	12 V Operated	24 V Operated	24 V Operated

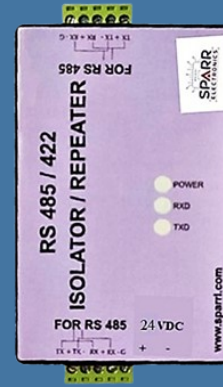
Sparr Electronics Limited

414A, 7th Main Rd, 1st Block, HRBR Layout, Banaswadi, Bengaluru, Karnataka 560043, INDIA

Phone: +91-9900477055, +91-80-41278033 For more details visit: <http://www.sparrl.com>

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Applications

- Computer & Automation System.
- High Noise Data Communications.
- Industrial Control Systems & Communication.
- Building Automation.
- Isolation Between 485/422 Devices.
- Extending Operational Distance.
- Where More Than 32 Nodes Are Connected To The Bus.
- Video Surveillance & Security Control Panel.

RS 485, R422 AND POWER CONNECTOR

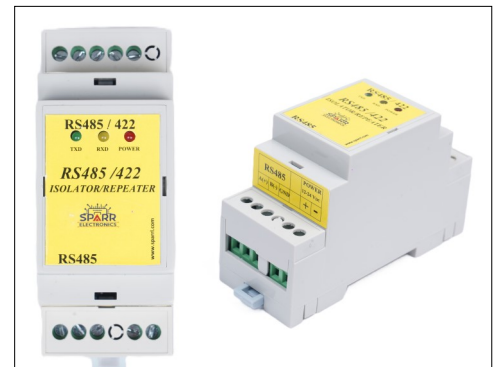
2766062764



2766063555



2766068050



Part Number

Model

Deliverables

2766062764

ISO 485/422 With 12 V Operated

Isolator With 12 power Adaptor

2766063555

ISO 485/422-24

Isolator

2766068050

ISO 485-24 (DIN rail Mount)

Isolator

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