



# RS232 to RS485 / RS422 Converter

Galvanic Isolation

MCV2-C485



RS232

RS485  
RS422

Galvanic Isolation

The MCV2 converts a RS232 port to RS485/RS422, for long distance communications and electrically noisy environments

This converter has been design to communicate serially two or more equipments located one of another at long distances. It is good for industrial communication, in electrical noisy enviroments, thanks to their differential characteristic of the norm RS485/ RS422. It has practical removable terminals blocks and DIN rail assembly.

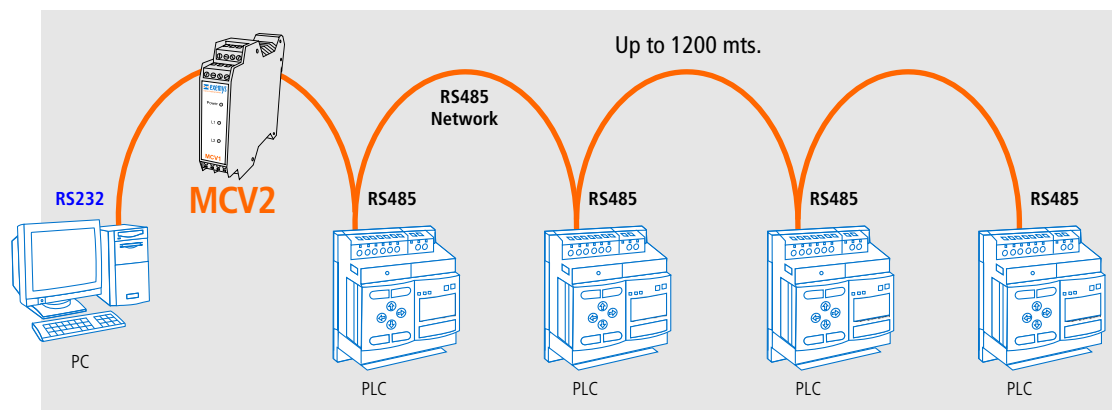
## ★ CHARACTERISTICS

- Industrial fireproof case with assembly for DIN rail
- Galvanic Isolation, up to 2500 Vrms (1 minute)
- DC Power input: +10 to +30 VDC
- Leds indication for power and flow of information
- Polarity Resistors included
- Removable terminal blocks connectors
- Baud rate up to 115200 bps
- Up to 32 nodes
- Protection against surges, in line RS485 and RS422



MCV2-C485

## ★ EXAMPLE OF USE



ISO 9001:2008 QUALITY SYSTEM



GESTION DE LA CALIDAD

RI-9000-6174

Acreditado por OAA



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# MCV2-C485



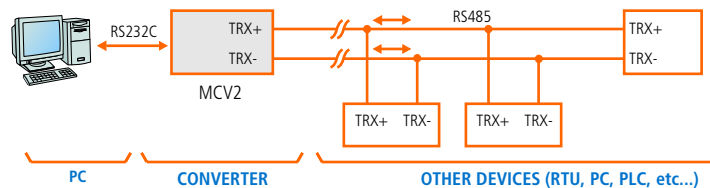
## TECHNICAL FEATURES

- **Maximum amount of nodes:** 32
- **Maximum speed:** 115200 bps
- **Serial Ports:** RS232/485/422 in removable industrial terminal blocks
- **Indicators:** Transmission Led, Reception Led And Power Led.
- **Isolation against surge:** In port RS485 and RS422. Up to 2500 Vrms, 1 minute
- **Dimension:** 112,4 x 22,5 x 92,4 mm (HxWxL)
- **Weight:** 0,140 kg
- **Power:** +10 to +30 VDC, 300mA max.
- **Temperature:** Temperature of Operation: 5 a 65 °C, Storage: -40 a 75°C
- **Guarantee / Support:** Limited of 1 year. Technical Support included.
- **Certifications:** CE. RoHS2 2011/65/EU, Categorie 9.

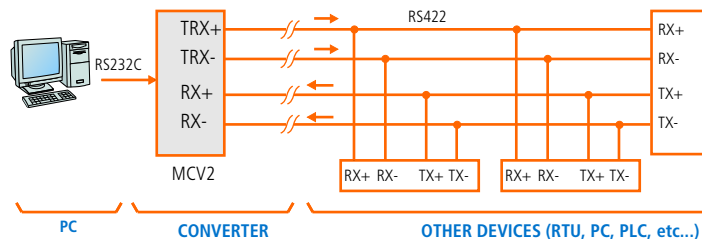


## CONNECTIONS

### HALF DUPLEX (Bidirectional with 2 wires)



### FULL DUPLEX (Bidirectional with 4 wires)



Part Number: MCV2-C485-IA-IS



For technical support please contact: [support@exemys.com](mailto:support@exemys.com)

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