CRS-485

RS232 / RS485 - RS422 CONVERTER

New converter RS232-RS485-422 with higher performances, for coupling and integrating in an industrial network, enabling to increase the number of machines to be communicated and lengthen the communication lines with the central unit. It incorporates high frequencies filter and a higher isolation as well, thus guaranteeing communication even in the worst working conditions.

MAIN FEATURES:

- Optoisolated converter, with galvanic isolation between RS232 and RS422/485 channels.
- Class II equipment isolation (double isolation). Isolation between ports being 3V.
- Maximum 32 equipments. 1300 meters length bus, as per standard RS485.
- Transmission speed of 57.600 bauds, both for RS232 and RS485/422 ports.
- The origin and end of line resistances are incorporated inside the equipment and are selected through external bridge.
- Plugged in connector rule for RS485/422 port and SUB9 connector for RS232 port.
- Working mode selection of the RTS and RS485 o RS422 selection through external bridges.
- Three state leds indicating transmission, reception and feeding of the unit.
- Box according to DIN 43880 standards for mounting in symmetrical DIN rail IP20.
- Max. outside dimensions: 70 x 85 x 70 mm.
- Feeding: 230 VAC, 120VAC ± 20% 50 - 60 Hz or from 24VDC to 120VDC.
- Working temperature: from -30 to 70 ºC.

Information contained in this catalogue can be subjected to changes without prior notice and in no case represents an undertaking from manufacturer side.

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desde 1986

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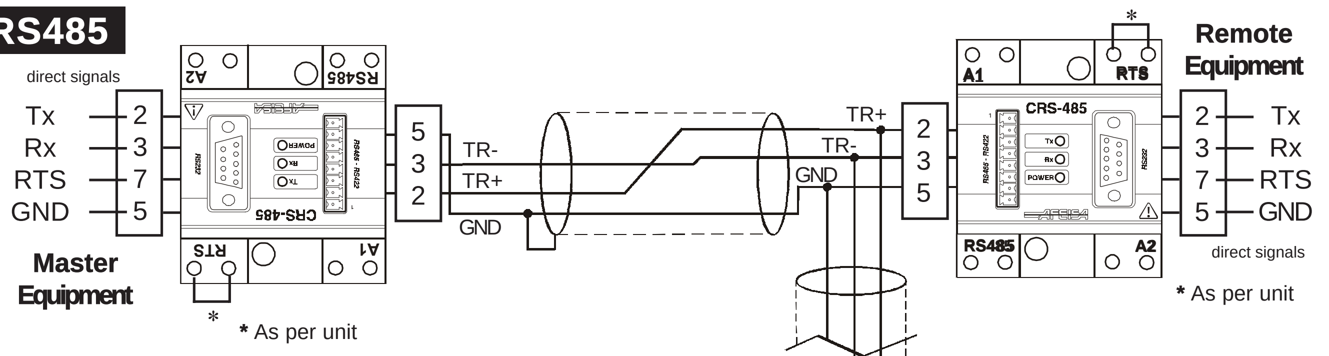
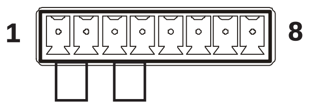
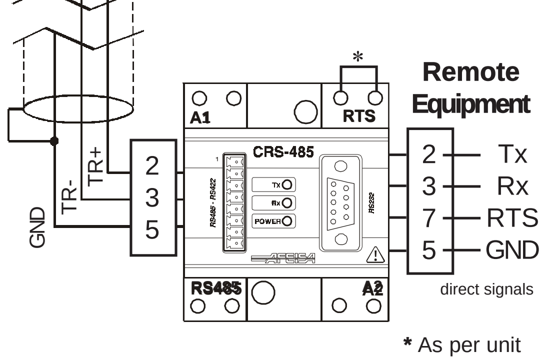
RS485

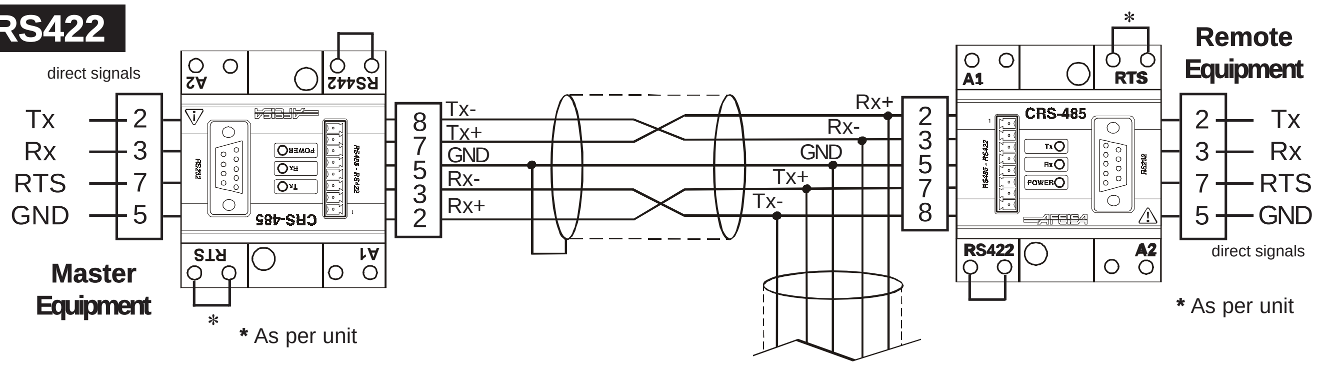


For long communication lines and and high speeds, it is suggested to connect the inner resistances by means of the bridges as shown in the line-end converters.
(pin 1 - pin 2, pin 3 - pin 4)

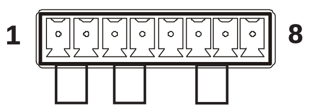


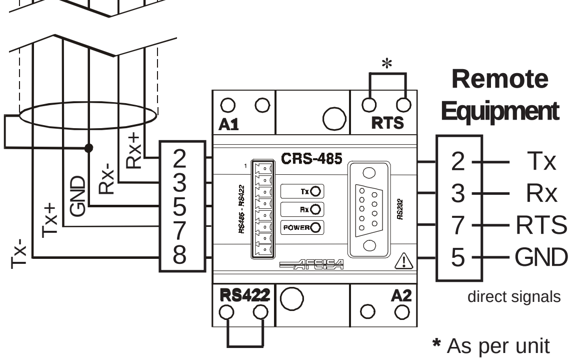


RS422



For long communication lines and high speeds, it is suggested to connect the inner resistances by means of the bridges as shown in the line-end converters.
(pin 1 - pin 2, pin 3 - pin 4, pin 6 - pin 7)





RS485 RS422

For connecting a RS485 or RS422 network without RTS control: