

RS232-TTY CONVERTER

>> 232-LC SERIES <<

- » Active module (default 20mA)
- » Distance higher than 6 km
- » DB-25 or DB-9 Connector
- » Transmission velocity higher than 19,2kbps
- » Leds indicators, Tx, Rx and Power
- » Passive and active output selection
- » Easy to configure and install

MAIN FEATURES

The RS232-TTY Converter allows connection between an equipment or controller with current loop output and a computer or controller with RS232 connection.

Using the protocol known as TTY, the 232 -LC module converts RS232 voltage levels in current loop 0-20 mA or 0-60mA depending on model.

It also allows full or half-duplex connection, as may be required the transmission to implement.

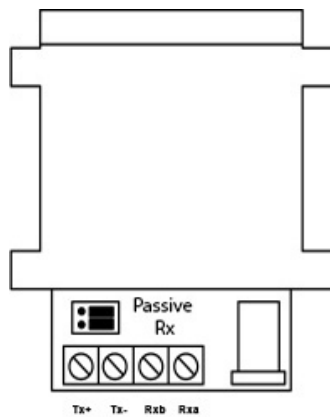
The 232 -LC is an active module, which must be supplied with 12VDC. Thus the device generates the power supply for the loops, both transmission and reception. You can set the receive channel as liabilities if necessary, for this are accesible a pair of jumpers that the user must properly situate.

The equipment has also 3 LEDs that indicate the proper operation of each of the parts of the unit. The green LED indicates correct power. The yellow LED indicates that reception is present, in the event that this LED is permanently lit indicates error in the connection of the receiving channel. The red LED indicates that transmission is present.

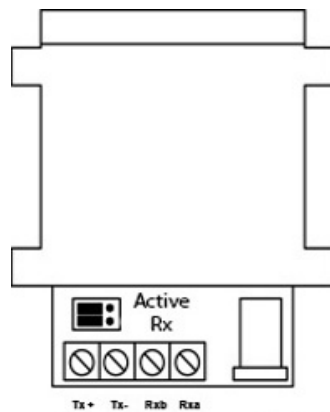
TECHNICAL FEATURES

	DESCRIPTION	MIN	TYPE	MAX	UNIT
VCCn	POWER SUPPLY	9	12	15	[V]
	Transmission Distance			6	[Km]
	Transmission Velocity		19,2		[kbps]
	RS232				
	Low Input Level			0.8	[V]
	High Input Level	2			[V]
	Low Output Level		-7		[V]
	High Output Level		7		[V]
	Electricity Loop				
	Electricity ON		20		[mA]
	Electricity OFF		0		[mA]
	Loop Impedance			470	[ohm]
	Dimensions				
	Width		55		[mm]
	Length		76		[mm]

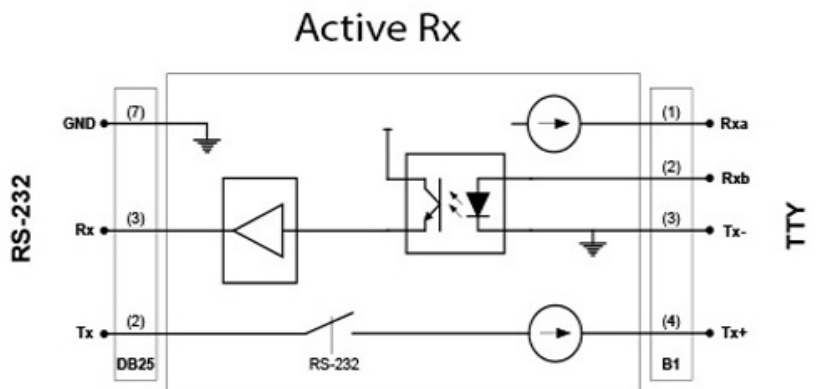
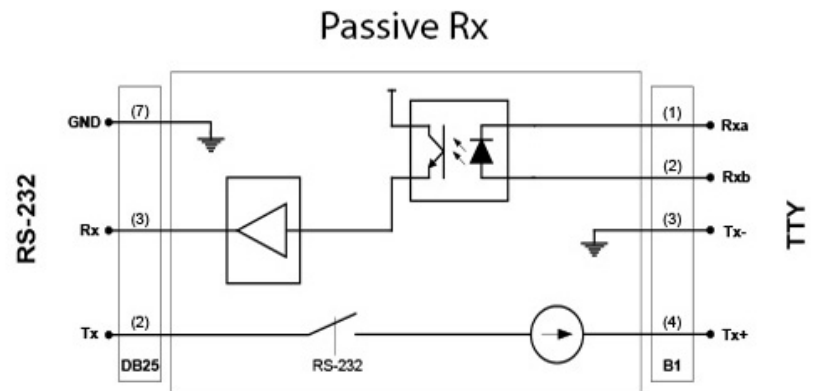
BLOCK DIAGRAM / CONFIGURATION



Passive Module: Jumper Configure

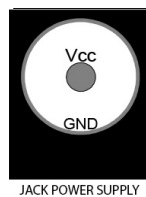


Active Module: Jumper Configure



PINOUT

PIN	SIGNAL
1	Rxa
2	Rxb
3	Tx-
4	Tx+



JACK POWER SUPPLY

DB25	SIGNAL
2	Tx
3	Rx
7	GND
1, 4-6, 8-25	NC

PRODUCT CODES

ELECTRICITY LOOP	POWER SUPPLY TENSION	RS-232 CONNECTOR	INSULATION	PRODUCT CODE
0-20mA	12VDC	DB-25	NO	232-LC-25/20
0-60mA	12VDC	DB-25	NO	232-LC-25/60
0-20mA	12VDC	DB-9	NO	232-LC-9/20
0-60mA	12VDC	DB-9	NO	232-LC-9/60