



General description

The EndBUS is a device that connects to the two end that the bus line must possess for completion of this, allowing its polarization and therefore improving communications besides activity monitoring.

It allows detection of errors in communications by registering collisions, lack of ACKs, corrupted packages, etc. You can read these records using a PC with BUSing® Development System (SIDE).

Capacity

Parameters diagnosed:

- **PACKETS** (Packets): Displays the total number of packets sent by the BUS.
- **ACKS** (Acknowledgements or confirmations): Shows the number of confirmation packets received.
- **COLS** (Collision): Displays the number of collisions on the bus. Conflict in sending packets.
- **NO CHKS** (No Checksum): Shows the number of packets corrupted. It is a form of redundancy.
- **NO FRAME**: Shows the number of characters received outside a package.

Technical information

Supply –9-16 Vdc (BUS)

Consumption – 25 mA @ 12Vdc (BUS)

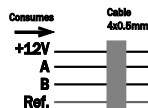
Size – 42 x 42 x 15 mm.

Mounting – At the end of BUS line.

Environment temperature range - Operation: from -10°C to 55°C / Storage: from -30°C to 60°C / Transportation: from -30°C to 60°C.

Regulation - According to the directives of electromagnetic compatibility and low voltage •EN 50090-2-2 / UNE-EN 61000-6-3:2007/ UNE-EN 61000-6-1:2007 / UNE-EN 61010-1.

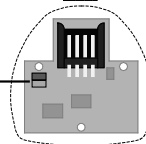
Installation



LEDs state

Red: loss or collisions when sending telegrams.

Green: satisfactory telegrams sending.



Remarks

It is recommended to distribute power supplies and to take care with wire section to avoid voltage drops in the BUS line.

Feed low voltage lines (BUS and inputs) in separate ducting to that of power (230V) and outputs.

Use shielded 4 x 0.22 / 0.5mm² cable for the BUS.

Follow a color code for the BUS. Our ref: Red +12V, Yellow (data): A, Green (data): B, Black: Ref.

QR-Code

