



CAN-Termination

CAN Bus Terminator in DSUB9-Connector Enclosure



Hardware Manual

to Product C.1301.01 and C.1302.01

NOTE

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| Hardware version: | CAN-AB-1 |
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Document History

The changes in the document listed below affect changes in the hardware as well as changes in the description of the facts, only.

| Revision | Chapter | Changes versus previous version | Date |
|----------|---------|---------------------------------|------------|
| 3.1 | - | New design | 2013-03-14 |

Technical details are subject to change without further notice.

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1. Function Description

The CAN termination plug terminates the CAN-bus line with a 120 Ω resistor between the signal lines CAN_L and CAN_H. The terminating plug also provides the opportunity of grounding the CAN_GND via a 4.8 mm faston connector.

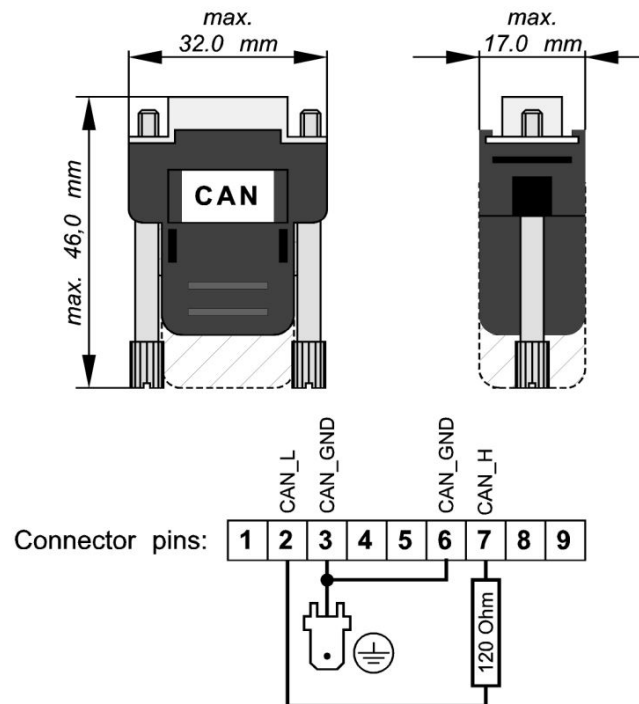


Figure 1: Measurement and pin-assignment of the CAN terminating plugs

2. Mechanical Structure

The terminating resistor is mounted in a 9-pin DSBU-connector housing. The connector is available with female or male contacts. The connector can be locked via knurled screws (4-40 UNC). Different housing shapes are used. For information about max. dimensions of the housings, please refer to Figure 1.

3. Order Information

| Type | Properties | Order No. |
|-------------------------|--|-----------|
| CAN-Termination, female | CAN-Termination, female 120 ohm terminating resistor, DSUB-9 female, PVC housing | C.1301.01 |
| CAN-Termination, male | CAN-Termination, male 120 ohm terminating resistor, DSUB-9 male, PVC housing | C.1302.01 |

Table 1: Order information

PDF Manuals

Please download the manuals as PDF documents from our esd website www.esd.eu for free.

| Manual | | Order No. |
|--------------------|----------------------------|-----------|
| CAN-Termination-ME | Hardware manual in English | C.1301.21 |

Table 2: Available manuals

Printed Manuals

If you need a printout of the manual additionally, please contact our sales team: sales@esd.eu for a quotation. Printed manuals may be ordered for a fee.