EPOS
Positioning Controller

In application with
Siemens STEP7 and Systeme Helmholz CAN300/400 Master
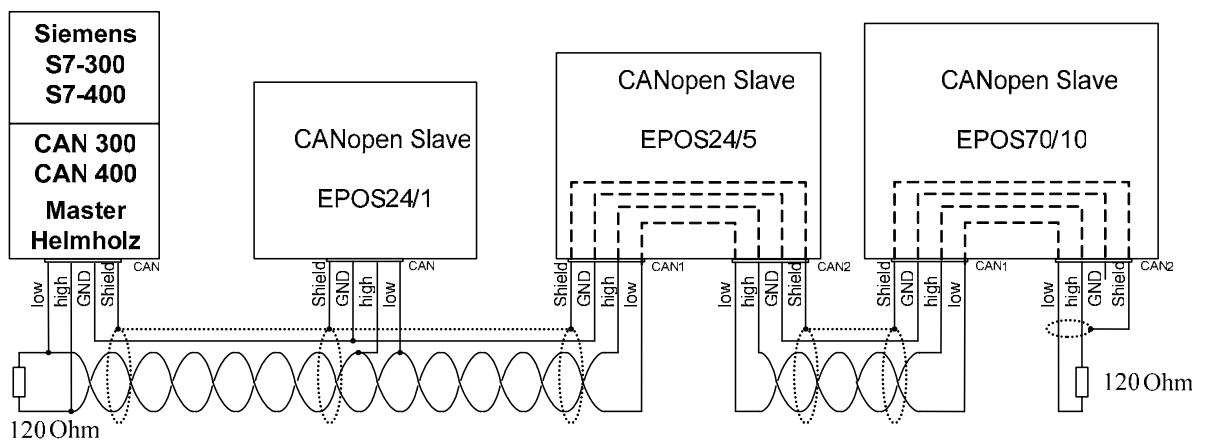
1   Introduction

The CAN 300/400 module from the Systeme Helmholz GmbH for use in a S7-300/400[1] from Siemens permits connection of CAN stations with the programmable controller. The module can be slotted either into the central controller or into the expansion unit. Data exchange with the CPU is effected via the backplane bus. The data handling blocks, which enable simple handling of CAN communication, are supplied in the source code.

Systeme Helmholz GmbH supplies data handling blocks by ordering a CAN 300/400 communication module. This data handling blocks and example program, which enable simple handling of CAN communication, are supplied in the source code by Systeme Helmholz GmbH.

This makes it easy to control the maxon motor control EPOS positioning controller via CAN300/400 Master in combination with Siemens S7-300/400 PLC.

For questions please contact Systeme Helmholz GmbH.

Block Diagram:

The application nodes "CANopen Basic Information" and "Device Programming" will helps you to understand the CANopen standard (see http://www.maxonmotor.com or maxon motor EPOS CD-ROM).

2   Third party products

Systeme Helmholz GmbH (CAN 300/400 module)

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Siemens AG (S7-300, S7-400 PLC)

http://www.siemens.com

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[1] Step® and SIMATIC® is a registered trademark of Siemens AG