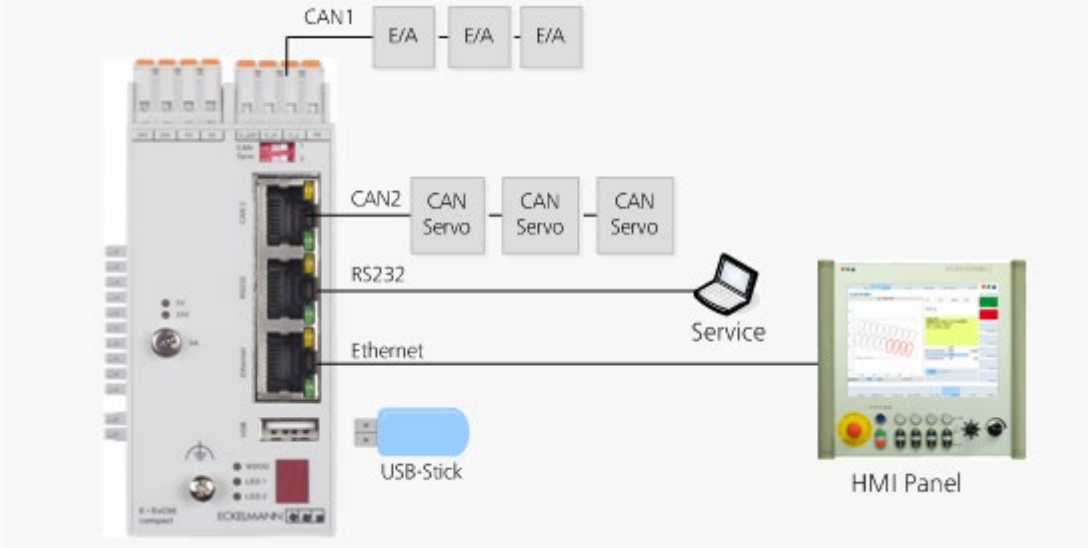
EMBEDDED CNC-CONTROLLER E°EXC 66e compact

Special functions and features

- NC functionality with a maximum of 16 axes
- Limitations for a controller with 8 or 16 axes:
  A maximum of 4 simultaneously interpolating axes and additionally up to 12 auxilliary or gantry axes
- Comprehensive firmware extentions for different technologies (oxygen cutting, water cutting, eccentricity grinding etc.)
- PLC programming in accordance with IEC 61131-3
- Programming via RS232C and Ethernet
- 2 galvanic isolated CAN busses with pilot LEDs (1x CANopen®-IO, 1x CANopen®-drives)
- Local bus for fast I/O modules from the LBM family
- 24 V supply
- Provides a 5 V system voltage for the connected LBM modules
- Optional second NC channel for asynchronous execution of a subprogram

Connection diagram E°EXC 66e compact



Specifications

Electrical Connection

- Supply voltage: 24 V DC
- Supply current: Depending on the LMB modules used, max. 500 mA

Interfaces

- CAN1 and CAN2 busses: 2 CANopen® Ports or external CAN bus devices
- Local bus: Expandable with LBM modules, max. 1400 mA to the 5 V DC for supplying the system voltage of the LBM modules

- Program memory: 2 MByte FLASH
- Data memory: 2 MByte SDRAM
- Memory extension: USB interface for mass storage devices
- Programming interface: Ethernet, RS232C interface with pilot LED's

General Data

- Dimensions: W 45 x H 100 x D 84 mm
- Temperature range
  - Transport/ storage: -20 °C .. +70 °C
  - Operation: 0 °C .. +50 °C
- Relative humidity: 5 % .. 95 %
- Protection: IP20
- Standards and regulations: EC Declaration of Conformity according to
  - 2014/30/EU (EMV Directive)
  - 2011/65/EU (RoHS Directive)

  UK Declaration of Conformity according to
  - SI 2016/1091 The Electromagnetic Compatibility Regulations 2016
  - SI 2012/3032 The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012

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