COMMUNICATIONS MODULE EDP-AM-CO1

Key Features

Easy interfacing to the communication devices of the processor module.

2 CAN Interfaces:

- The first routed through a 9-Way D-Type for quick integration to an existing CAN network. Also can be optionally routed through a galvanically-isolated CAN physical layer

- The second CAN channel, can also be routed through the galvanically isolated CAN physical layer

USB Interface:

- This supports direct connection from the Controller Module using a Mini USB connector

2 Serial Interfaces:

- The first Asynchronous serial channel from the Controller Module appears as an RS-232-level signal on the 9-way D-type connector. The same signals are also available on a 10-way header

- For Controller Modules that have a second asynchronous port, this can be routed to a 10-way header

- Alternatively it can be connected to an RS-485 interface utilising the LTC485 device

PCF8583 real-time clock (RTC) device on the I2C bus and 240 bytes of non-volatile data storage, powered from the optional lithium battery on the EDP baseboard.

EMBEDDED DEVELOPMENT PLATFORM

rswww.com/edp

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