

EA1100-24 DIDO FIELD BUS MODULE

24 digital inputs and outputs - IP65

The EA1100-24DIDO slave module for EtherCAT^{®1} offers up to 24 digital inputs and outputs. An optimal electrical connection is guaranteed by two M12 d-coded 4-pole screw connectors. On the front side the module keeps the protection class IP65.



Technical features

| | |
|----------------|--|
| Technical data | <ul style="list-style-type: none"> ➤ Power supply: 9...30 Vdc ➤ Power consumption: nom. 1,5 W ➤ Operating temperature: 0...+55 °C (optional: -20...65 °C) |
| Electronic | <ul style="list-style-type: none"> ➤ Processor: EtherCAT[®] slave controller ET1100 SPI interface to the ET1100 microprocessor LPC1763 ➤ Digital inputs: 24 x (without electrical isolation) Low = 0...5 Vdc / High = 10...30 Vdc Input resistance: 25...30 kΩ ➤ Digital outputs: 24 x (without electrical isolation) High-side switch Current per output max. 2 A Current in total max. 6 A Protected against short circuits ➤ LEDs: 2 (green) Link / Activity |
| Field bus | <ul style="list-style-type: none"> ➤ Ethernet: Field bus part as EtherCAT[®] Slave |
| Enclosure | <ul style="list-style-type: none"> ➤ Material: Polyamide ➤ Colour: black ➤ Protection class: IP65 (on the front side) ➤ Mounting: Binder series 714, M18 4-pole for the power supply two M12 d-coded 4-pole plug connector for ECAT IN and ECAT OUT ➤ Dimension: 37 (h) x 252 (w) x 25 (d) mm |

Order no. 70163

Technical changes without prior notice possible.

Release: 12/2012

¹ EtherCAT[®] is a registered trademark and patented technology, licensed by Beckhoff Automation GmbH, Germany.