Automation by innovation.

KeConnect C2

C2-DO 242/B Digital Output Module

- Digital output module
- Digital outputs with 2A
- Overload protection
- Sustained short-circuit proof

Brief description

The C2-DO 242/B is a digital output module of the Keba module system. The module is added directly on to a central processor module. A bus link module is used to operate this module with all product lines of the KeControl system.

This digital output module enables the connection of 8 digital outputs.

The digital outputs switch the 24VDC control signals of a central processor module to connected actuators in galvanic isolation. The digital outputs are designed for a load of up to 2A at 50% coincidence. The overload protection and the sustained short circuit proof guarantee operating safety.

The states of the digital outputs are indicated with orange LEDs.

© KEBA 2006

Technical Data

General Information

Power supply voltage:	+24 V DC (Voltage limits according to IEC 61131-1: 19,2 V to 30 V DC)
Power supply of IOs:	From front
Addressing at K-Bus:	via 16-digit address switch, on the side
Displays on the front panel:	16 signal status LEDs
Type of terminals:	open – grid dimension 5.08 mm
Power consumption at K-Bus:	max. 0.6 W

Digital outputs

Number of outputs:	8
Nominal voltage:	24 V DC
Processing time:	1ms
Nominal current:	2A at 50% coincidence
Galvanic isolation	yes
Status display	orange LED
Protection facility:	Short circuit protection
max. inductive load	1 J at max. 0.2 Hz

Interfaces

System bus-interface:	Parallel Bus-interfaces, plug-in on side

Dimensions:

Footprint:	
Module height:	120 mm
Mounting depth:	100 mm
Front panel width:	22.5 mm
Module width (incl. K-Bus plug):	32.5 mm
Weight (DO 240/A):	130 g
Weight (DO 242/A):	132 g

Standards:

The module conforms to the following standards:

General information	
UL 508	UL – listed
Product standard for programmable controllers:	
IEC 61131-1:2003	General information
IEC 61131-2:2003	Hardware

© KEBA 2006