

1. Product Description

1.1 Order designation

Description	Material number
EtherCAT DI32 (1 ms)	00C6CB1-0200
EtherCAT DI32 (5 ms)	00C6CB1-0400
Plug 36-pole for inputs (accessories)	0090501-7119
Grounding assembly 2x8 mm (accessories)	00C6CD1-0400
Grounding assembly 14 mm (accessories)	00C6CD1-0500

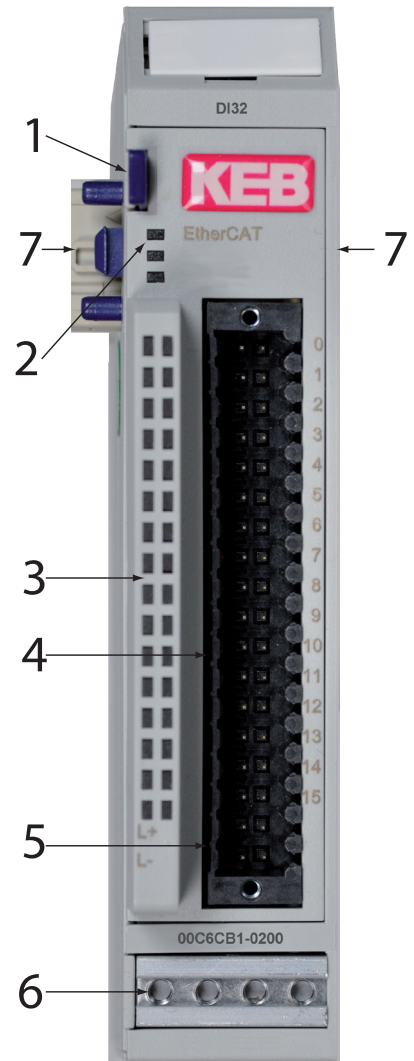
1.2 Application

Inputs for the processing of digital signals

1.3 Description of the modules

Picture 1.3 Front view of the modules for digital inputs and outputs

1.	Release lever		
2.	Status-LED's module		
	EtherCAT	Flash code	Description
		red - continuous light	Initialisation (Init), no data exchange
		red/green 1:1	Ready for operation (Pre-Op), no data exchange
		red/green 3:1	Safe operation (Safe-Op), inputs are readable
green - continuous light	Normal operation (Op), full data exchange		
3.	I/O-LED's	Flash code	Description
		green constant	Input signal TRUE
		off	Input signal FALSE
4.	Connection IO (see plug chapter 1.1)		
5.	Voltage supply		
6.	Earth-/shield connection for bolt M3x5		
7.	E-Bus / module locking		



Connect the DIN mounting rail or the earthing connection with functional earth.

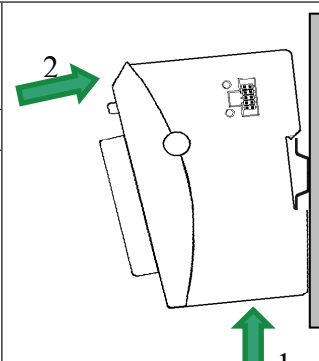
1.4 Technical data

Fieldbus	EtherCAT 100 Mbit/s
WxHxD	25x120x90 mm
Assembling	35 mm DIN mounting rail
Controller	ASIC ET1200
Connection E-bus	10-pole system connector in side panel
End module	not necessary
Voltage supply	24 VDC -20 % +25 %
Potential separation	Modules each other and against the bus
Storage temperature	-25 °C...+70 °C
Operation temperature	0 °C...+55 °C
Relative humidity	5 %...95 % without condensation
Degree of protection	IP20
Noise immunity	Zone B

DI32	
Digital inputs	32
Input deceleration	5 ms (variant -0400), 1 ms (variant -0200)
Signal level (EN 61131-3, type1)	off: -3...5V; on: 15...30V
E-Bus load	85 mA

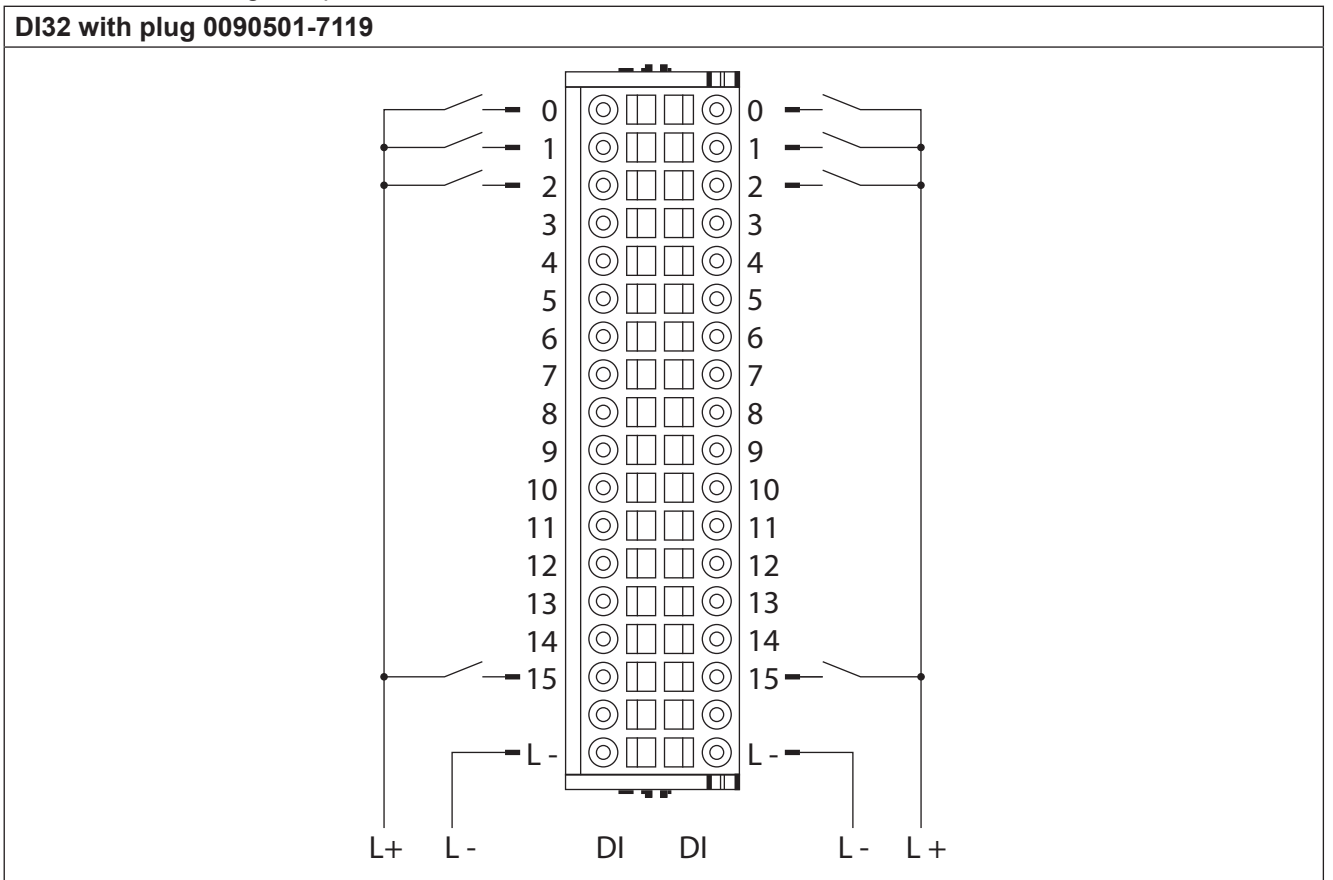
1.5 Assembling

Picture 1.5 Mounting of the bus coupler

1.	Put the module in accordance with the picture from downside against the mounting rail that the metal spring is impressed between mounting rail and mounting surface.	
2.	Press the module against the mounting panel above until it is snapped-in.	

1.6 Connection of the digital inputs

DI32 with plug 0090501-7119



efesotomasyon.com



Karl E. Brinkmann GmbH
Försterweg 36 - 38 • D - 32683 Barntrop
Telefon 0 52 63 / 4 01 - 0 • Telefax 4 01 - 116
Internet: www.keb.de • E-mail: info@keb.de

Mat.No.	00C6NEM-CB20
Rev.	1B
Date	01/2010