

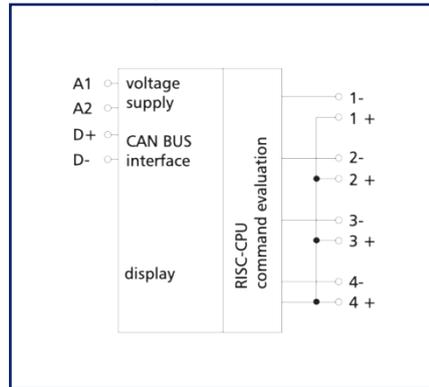
Data sheet

FDE 4 24 V AC/DC CAN

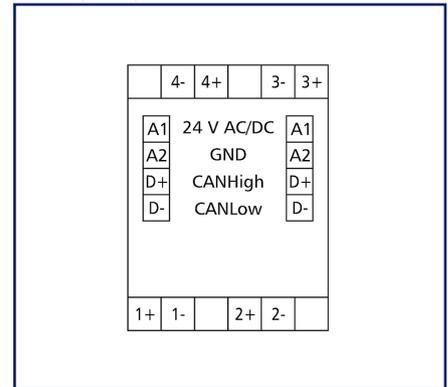
Illustrations



Principle diagram



Wiring diagram



See enlarged drawings at the end of document

Product specification

CAN module with 4 digital inputs, which can be operated as contact or voltage inputs. It is suitable for detecting switch states, for example, of electrical limit switches on vent valves or auxiliary contacts of power contactors. The fieldbus module is an input module for universal use. It is controlled by means of the CAN bus. The module is addressed by means of an adjustable address, and the input states are transmitted in data bytes. If there is one (or more) relay output module(s) with the same address in the system, the respective outputs are switched.

- Connection with screw type terminal blocks

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Technical Data

RS485 interface	
Protocol	CAN
Address range	00 - 99
Bus interface	2.0B passive (two wire bus)
Transmission parameters	
Transmission rate	min. 20 Kbit/s max. 500 Kbit/s
Transmission rate default setting	125 Kbit/s
Supply	
Operating voltage	24 V AC/DC +/- 10 % (SELV)
Power consumption	
Power consumption AC (max.)	63 mA
Power consumption DC (max.)	21 mA
Duty cycle relative	100 %
Recovery time	550 ms
Inputs	
Voltage range	0 V - 10 V DC
Resolution voltage input	10 mV / digit
Error voltage input	approx. +/- 100 mV
Digital inputs	4
High signal detection	> 7 V DC
Housing	
Dimensions	
Dimension (W x H x D)	35 mm x 69.3 mm x 60 mm
Dimension (W x H x D)	1.378 in. x 2.728 in. x 2.362 in.
Weight	83 g
Mounting style	Standard rail TH35
Mounting position	any
Connection type	Screw type terminal blocks
Indicator	green, red and yellow LED

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1105751319
EAN 4250184122548
2025/08/18
Version: I

Technical Data

Classifications

ETIM 7.0	EC000688
ETIM 8.0	EC000688
ETIM 9.0	EC000688
ETIM 10.0	EC000688

Software and additional documents

Software and documentation Further documentation is available for free download at www.metz-connect.com

Application note

This product is a standard product of METZ CONNECT. METZ CONNECT is not aware of the specific intended use of the goods by the Customer or any customers of the Customer. The Customer guarantees that it has fully and sufficiently tested the use of the goods and any product modifications, product changes or product enhancements with regard to the specific intended use in accordance with the state of the art or in any other way. At METZ CONNECT's request, the Customer shall submit and make available meaningful evidence (e.g. test and laboratory protocols, certifications, etc.).



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Accessories

P/N	Designation
110369	Terminal block Type 259
110486	HUB DC
110561	Power supply NG4 24 V DC
31135104	Typ 135 RIACON 135_3.5

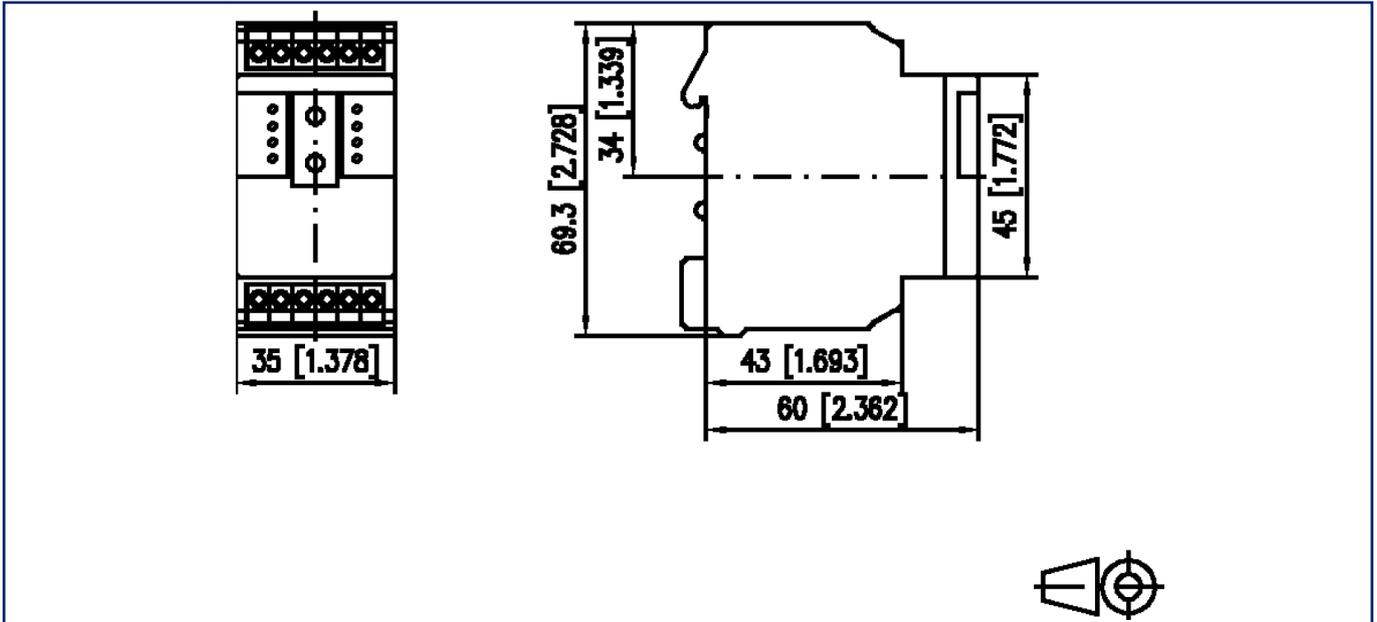


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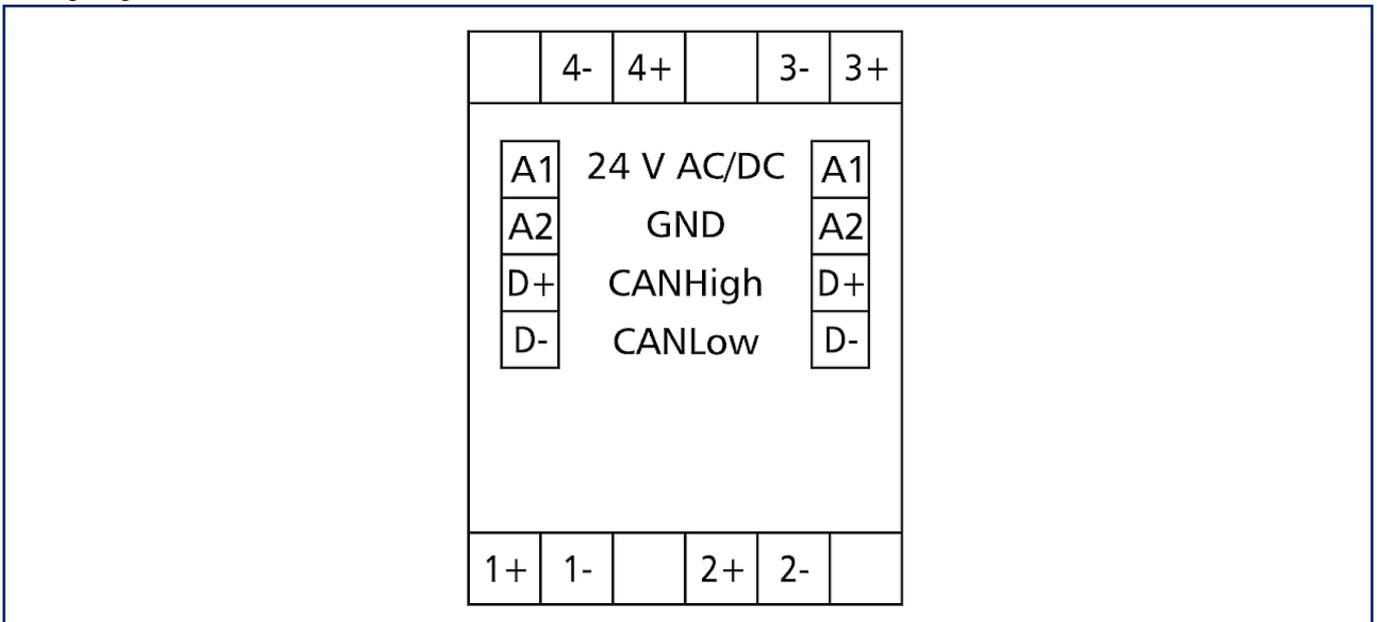
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Illustrations

Dimensional drawing



Wiring diagram



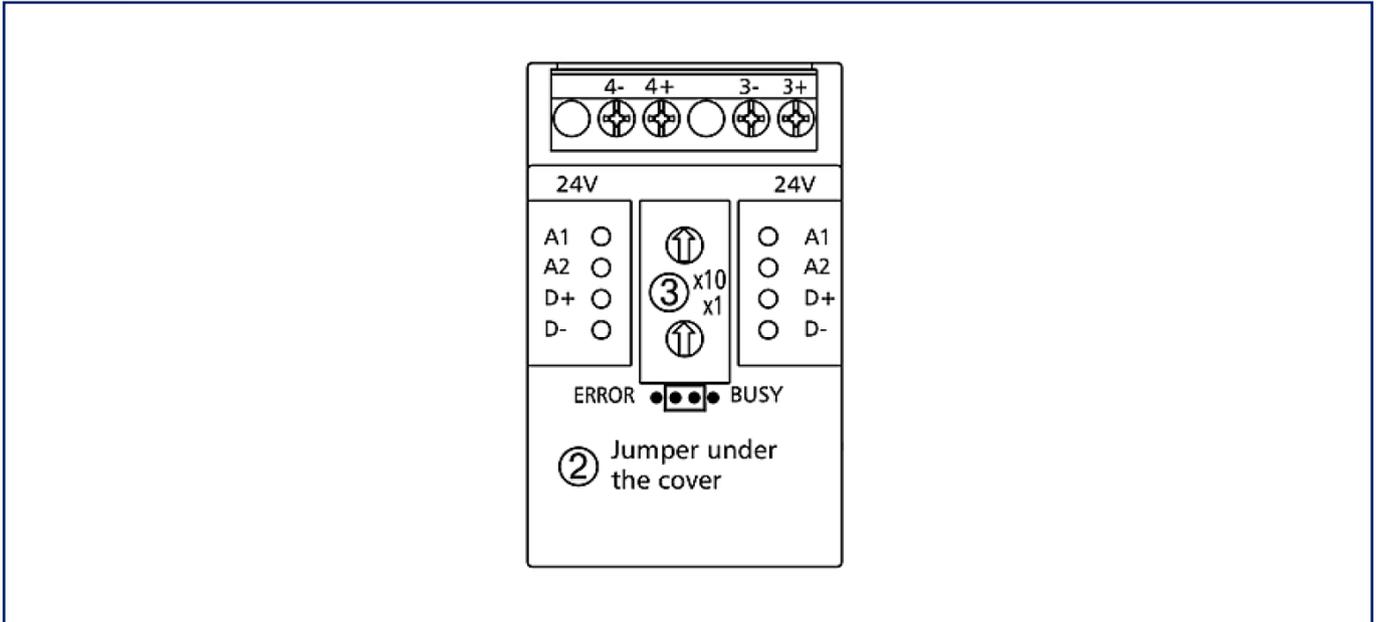
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Illustrations

Circuit diagram



Principle diagram

