

Data sheet

FAA-F 4 24 V AC/DC CAN

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P/N

110573130270

EAN 4251394610085

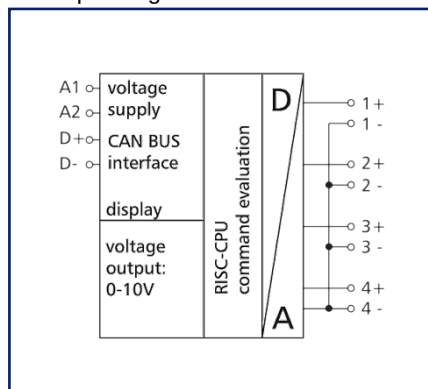
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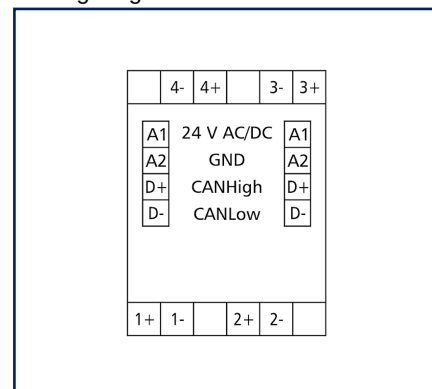
Illustrations



Principle diagram



Wiring diagram



See enlarged drawings at the end of document

Product specification

CAN module with 4 analog outputs. It is suitable as encoder for control variables, for example for electrical vent and mixing valves, valve positions, etc. The fieldbus module is an output 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 output states are transmitted in data bytes. If there is an analog input module with the same address in the system, the voltage measured there is issued at the respective output.

- Connection with spring clamp terminal blocks (push-in)



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.)	90 mA
Power consumption DC (max.)	32 mA
Duty cycle relative	100 %
Recovery time	550 ms

Outputs

Analog outputs	4
Voltage range	0 V - 10 V DC
Resolution voltage output	10 mV / digit
Error voltage output	+/- 1 %
Continuous current voltage output	5 mA at 10 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	84 g
Mounting style	Standard rail TH35
Mounting position	any
Connection type	Spring clamp terminal blocks
Indicator	green and red LED



Technical Data

Terminal blocks

Supply and bus

Terminal block	4-pole
Solid wire (AWG)	max. 1.5 mm ² / max. 16 AWG
Stranded wire (AWG)	max. 1 mm ² / max. 18 AWG
Wire diameter	max. 1.4 mm - min. 0.3 mm

Module connection

Wire cross section solid	0.2 mm ² - 2.5 mm ² / AWG 24-14
Wire cross section multi	0.25 mm ² - 2.5 mm ² / AWG 24-12
Wire cross section with wire ferrule	0.25 mm ² - 1.5 mm ² / AWG 24-16
Stripping length (min.)	8 mm

Protection circuit	Polarity reversal protection for DC operating voltage
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Material

Material - Housing	Polyamid 6.6 V0
Color	gray
Material - Terminal block	Polyamid 6.6 V0
Material - Covers	Polycarbonat

Protection category according to IEC 60529

Protection category - housing (acc. to IEC 60529)	IP40
Protection category - terminal blocks (acc. to IEC 60529)	IP20

Temperature range

Operating	
Temperature - Operating °C	-5 °C - 55 °C
Temperature - Operating °F	23 °F - 131 °F
Storage	
Temperature - Storage °C	-20 °C - 70 °C
Temperature - Storage °F	-4 °F - 158 °F



Technical Data

Classifications

ETIM 7.0	EC001096
ETIM 8.0	EC001096
ETIM 9.0	EC001096

Software and additional documents

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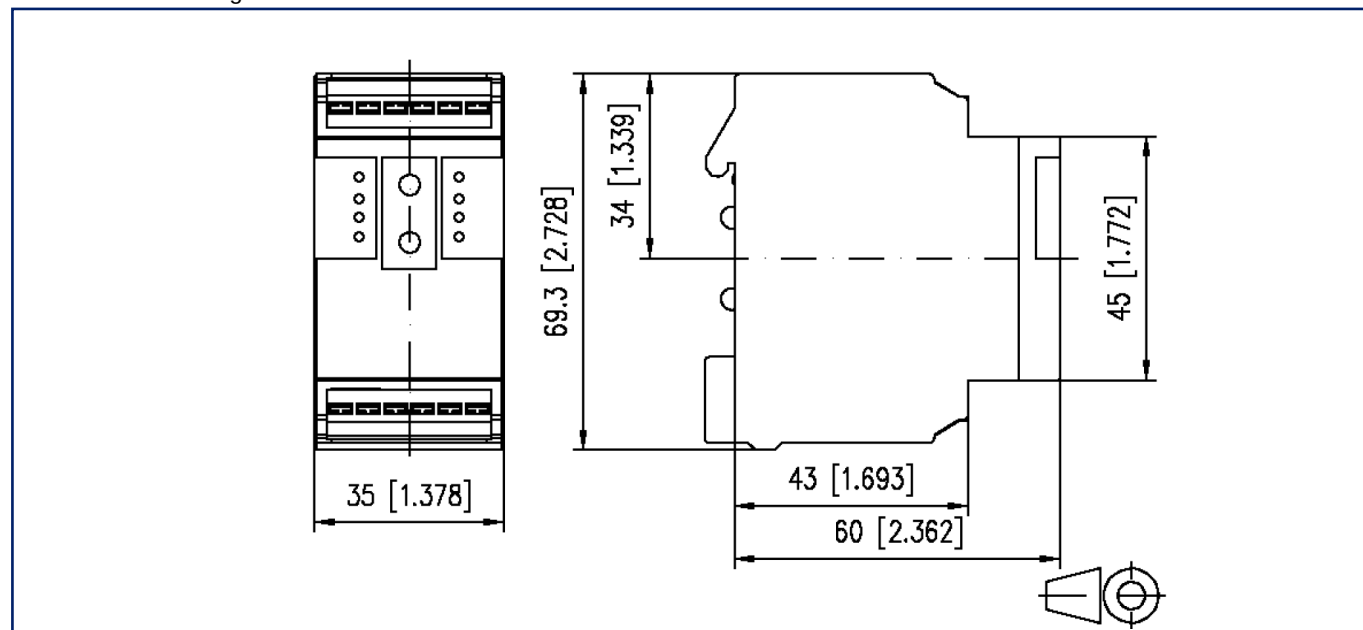


Accessories

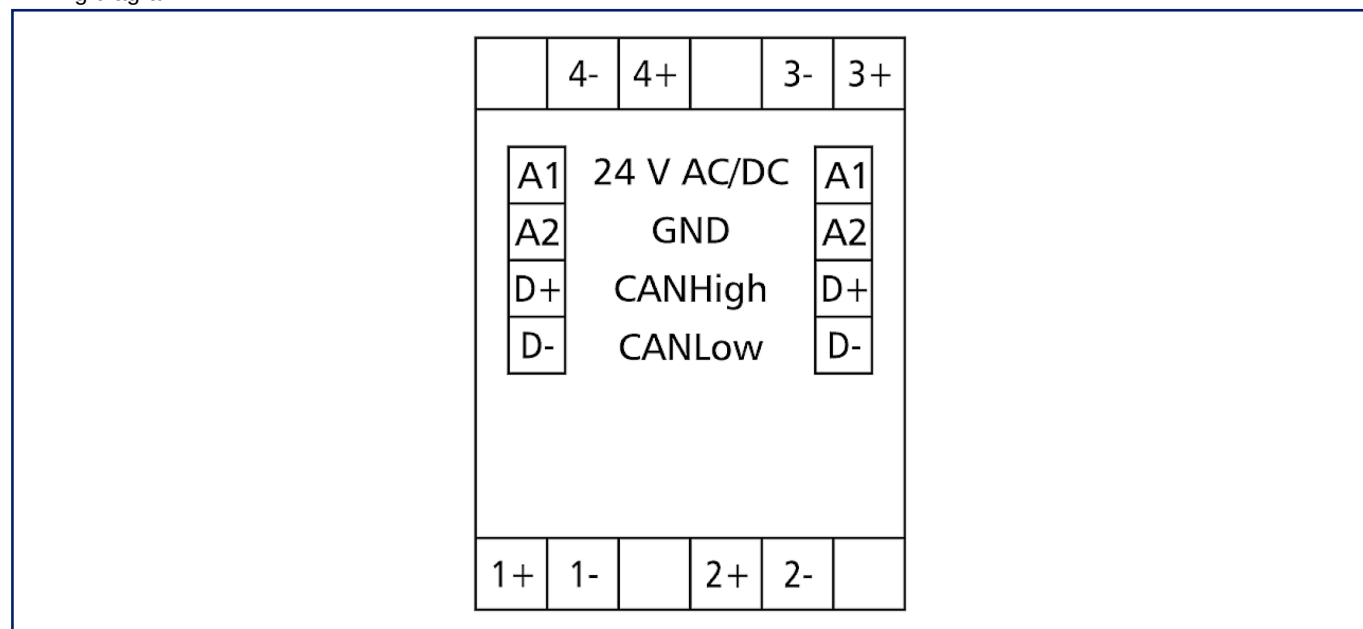
P/N	Designation
110369	Terminal block Type 259
11056170	Power supply NG4-F 24 V DC
31135104	Typ 135 RIACON 135_3.5

Illustrations

Dimensional drawing



Wiring diagram



Illustrations

Principle diagram

