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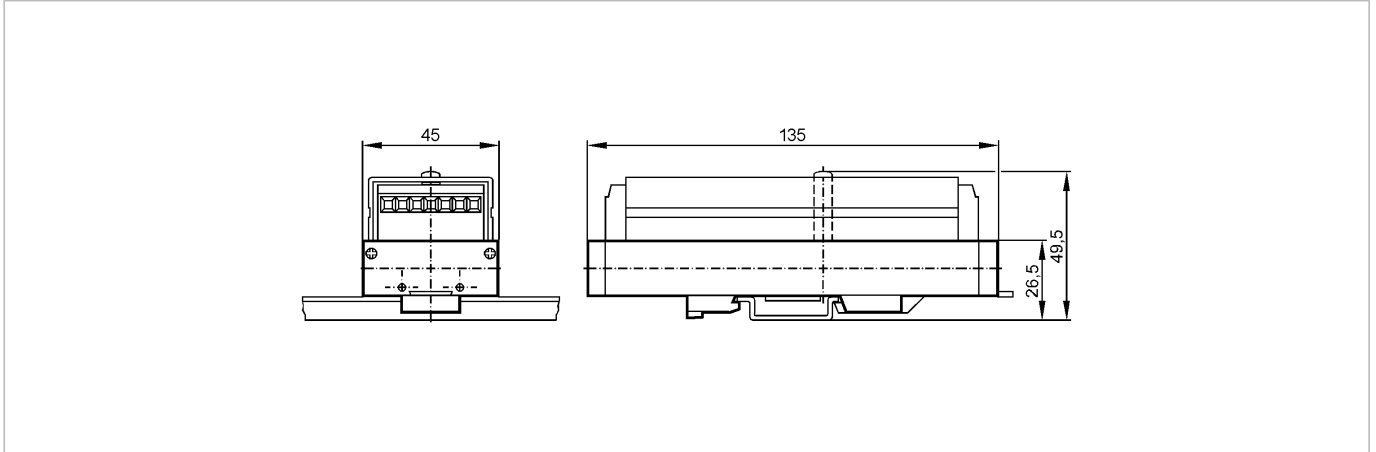
ecomat300

AC2610



AnalogModule 1AI ST

AS-Interface bus system



Product characteristics

Active AS-i module

Mounting on DIN rail and panel

Screw terminal

String mounting possible

Analog input

Electrical data

Electrical design

1 input

Operating voltage [V]

26.5...31.6 DC

Current consumption [mA]

< 160

Inputs

digital

Sensor supply

AS-i / external

Voltage range [V]

24 DC ± 20 %

Max. current load for all inputs total [mA]

80

Outputs

analog

Resolution [Bit]

6.9.12.15

Environment

Ambient temperature [°C]

0...70

Protection

IP 20

Tests / approvals

EMC

EN 50295

AS-i classification

AS-i profile

S-7.1

I/O configuration [hex]

7

ID code [Hex]

1

AS-i certificate

in preparation

Parameter bits

Parameter bit Function

P0 measuring method: voltage (0...10 V)* / current (0/4...20 mA)
measuring range: 0...20 mA* (0...7FFF Hex) or 0...10 V (0...7FFF Hex) / 4...20 mA (0...7FFF Hex) or 0...10 V (0...2710 Hex)

P1 input filter: filter 1 = 25 ms* / filter 2 = 2.6 s

P2 data transmission: single transmission* / double transmission

P3

Mechanical data

Housing materials

PA; PVC

Weight [kg]

0.152

AC2610 - Active AS-i module - eclass: 27242601 / 27-24-26-01

Displays / operating elements

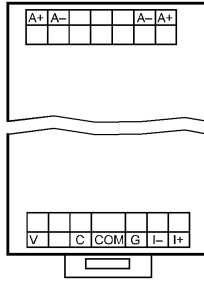
Power	LED	2 x green; 1 x yellow; 1 x red
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Electrical connection

Connection	14 screw terminals
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Wiring

- A+: AS-i +
- A-: AS-i -
- G: Ground (ground)
- I+: Sensor supply +24V
- I-: Sensor supply 0V
- V: analog input voltage measurement
- C: analog input current measurement
- COM: analog input 0V



Remarks

Remarks	Accessories (option): LCD display E70127 to be inserted into the modul *) default
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Pack quantity	[piece]	1
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Other data

Internal resistance	voltage: > 100 kΩ current: < 500 Ω
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A/D conversion	accuracy: < 0.1 % of the final value of the measuring range conversion time: 25 ms automatic calibration by parameter call
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