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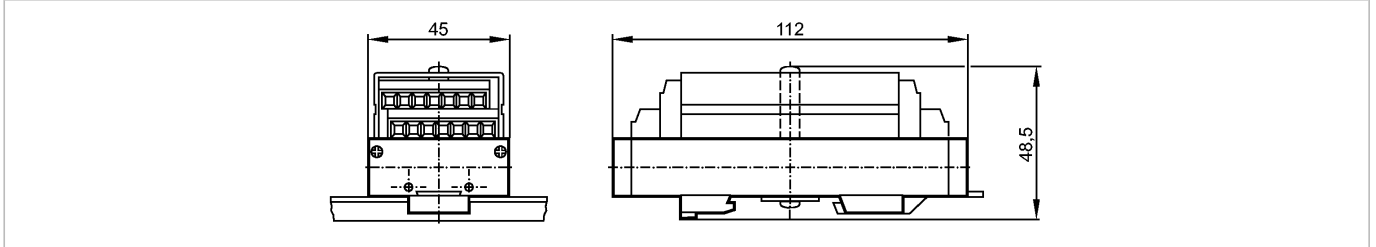
ecomat300

AC2704



CabinetModule 4DI 4DO T ST

AS-Interface bus system



Product characteristics

Active AS-i module

Mounting on DIN rail and panel

Screw terminal

String mounting possible

Digital inputs and outputs

Electrical data

Electrical design

4 inputs / 4 outputs

Operating voltage [V]

26.5...31.6 DC

Current consumption [mA]

< 280

Max. current load per module [mA]

4000

Inputs

digital

Circuit

PNP

Sensor supply

AS-i

Voltage range [V]

18...30 DC

Max. current load for all inputs

total [mA]

200

Input current High/Low [mA]

> 5 / < 1.5

Switching level High signal 1 [V]

> 10

Short-circuit proof

yes

Outputs

digital

Output function

transistor PNP

Voltage range [V]

10...30 DC

External voltage supply

according to PELV

Max. current load per output [mA]

1000

Electrically separated

yes

Integrated watchdog

yes

Short-circuit proof

yes

Environment

Ambient temperature [°C]

-25...70

Protection

IP 20

Tests / approvals

EMC

EN 50295

MTTF [Years]

188

AS-i classification

AS-i profile

S-7.0

I/O configuration [hex]

7

ID code [Hex]

0

AS-i certificate

in preparation

Mechanical data

Housing materials

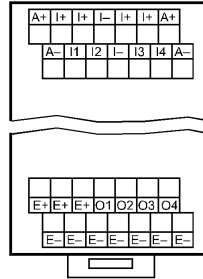
PA; PVC

AC2704 - Active AS-i module - eclass: 27259090 / 27-25-90-90

Weight	[kg]	0.134
Displays / operating elements		
Output status indication	LED	yellow
Power	LED	green
Error	LED	red (short-circuit)
Electrical connection		
Connection		28 screw terminals

Wiring

- A+: AS-i+
- A-: AS-i -
- I+: Sensor supply +24V
- I-: Sensor supply 0V
- E+: Actuator supply +24V
- E-: Actuator supply 0V
- I1...I4: Switching input Sensor 1...4
- O1...O4: Switching output actuator 1...4



Remarks	
Remarks	Do not connect any of the points I-, I+, I1, I2, I3, I4 to an external potential since they are electrically connected to the AS-i cable.
Pack quantity	[piece] 1

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