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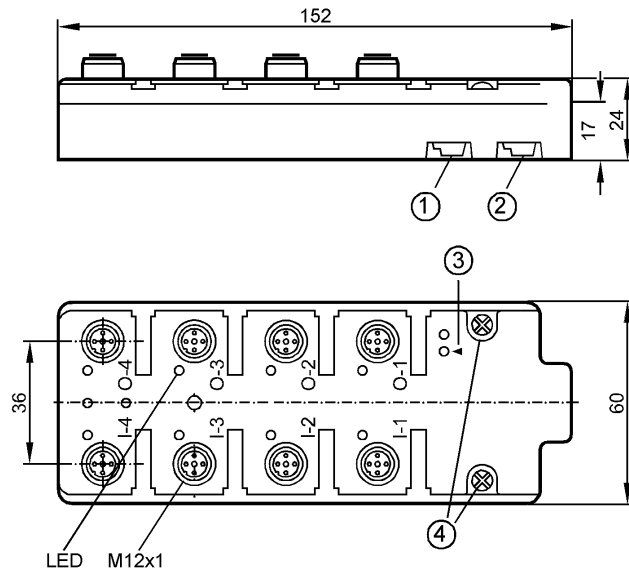
ecomat300

AC2462



CompactLineM12 4DI4DO T M12

AS-Interface bus system



- 1: AS-i supply
- 2: External Voltage Supply
- 3: fixture infrared adapter
- 4: earth spring



Product characteristics

Active CompactLine module

AS-i flat cable connection

Sockets M12 x 1

IR addressing possible

Version 2.1

External sensor supply PELV

Digital inputs and outputs

Electrical data

Electrical design

4 inputs / 4 outputs; bidirectional

Operating voltage [V]

26.5...31.6 DC **)

Total current consumption from AS-i [mA]

< 30

Max. current load per module [mA]

4000

Inputs

digital

Circuit

PNP

Sensor supply

according to PELV

Voltage range [V]

20...30 DC **)

Max. current load for all inputs total [mA]

200

Input current High/Low [mA]

6...10 / 0...2

Switching level High signal 1 [V]

> 11

Short-circuit proof

yes

Outputs

digital

Output function

transistor PNP

Voltage range [V]

24 DC (20...30 DC *) **)

External voltage supply

according to PELV

AC2462 - Active CompactLine module - eclass: 27259090 / 27-25-90-90

Max. current load per output [mA]	2000				
Electrically separated	yes				
Integrated watchdog	yes				
Short-circuit proof	yes				
Environment					
Ambient temperature [°C]	-25...70				
Protection	IP 67				
Tests / approvals					
EMC	EN 50295				
AS-i classification					
AS-i version	2.1				
Extended addressing mode possible	version 2.1 / no				
AS-i profile	S-7.0.E				
I/O configuration [hex]	7				
ID code [Hex]	0.E				
AS-i certificate	in preparation				
Data bits	Data bit bidirectional	D0 I-1 / O-1	D1 I-2 / O-2	D2 I-3 / O-3	D3 I-4 / O-4
Mechanical data					
Housing materials	PUR				
Weight [kg]	0.337				
Displays / operating elements					
Power LED	green				
Error LED	red				
Function display LED	yellow				
Electrical connection					
Wiring					
<p>The image shows two wiring diagrams for a 5-pin terminal block. The top diagram shows inputs: pin 1 is Sensor supply L+, pins 2 and 4 are Data input (internally bridged), and pin 3 is Sensor supply L-. The bottom diagram shows outputs: pin 3 is External voltage -, pin 4 is Switched output +, and pin 5 is Functional earth.</p>		<p>Inputs</p> <ul style="list-style-type: none"> 1: Sensor supply L+ 2+4: Data input (internally bridged) 3: Sensor supply L- <p>Outputs</p> <ul style="list-style-type: none"> 3: External voltage - 4: Switched output + 5: Functional earth 			
Accessories					
Accessories (optional)	stainless steel sleeve for installation in case of high mechanical stress (E70402)				
Remarks					
Remarks	*) via flat cable **) cULus - Class 2 source required				
Pack quantity [piece]	1				