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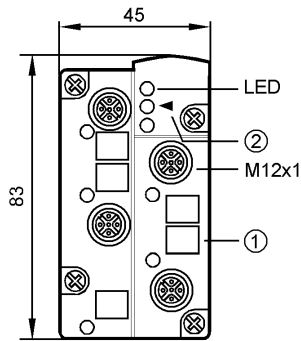
ecomat300

AC2507



ClassicL45 2DI 2DO T M12

AS-Interface bus system



1: label

2: fixture infrared adapter



Product characteristics

Active ClassicLine module

AS-i interface to FC-E lower parts

Sockets M12 x 1

IR addressing possible

Version 2.1

Digital inputs and outputs

Electrical data

Electrical design

2 inputs / 2 outputs

Operating voltage [V]

26.5...31.6 DC

Total current consumption from AS-i [mA]

< 150

Max. current load per module [mA]

2000

Inputs

digital

Circuit

DC PNP

Sensor supply

AS-i

Voltage range [V]

18...30 DC **)

Max. current load for all inputs total [mA]

100

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 (15...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 67

AC2507 - Active ClassicLine module - eclass: 27259090 / 27-25-90-90

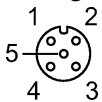
Tests / approvals

EMC	EN 50295																																			
MTTF [Years]	210																																			
AS-i classification																																				
AS-i version	2.1																																			
Extended addressing mode possible	version 2.1 / no																																			
AS-i profile	S-3.0.E																																			
I/O configuration [hex]	3																																			
ID code [Hex]	0.E																																			
AS-i certificate	in preparation																																			
Data bits	<table border="1"> <thead> <tr> <th>Data bit</th> <th>D0</th> <th>D1</th> <th>D2</th> <th>D3</th> </tr> </thead> <tbody> <tr> <td>Input</td> <td>1</td> <td>2</td> <td>-</td> <td>-</td> </tr> <tr> <td>Socket</td> <td>I-1</td> <td>I-2</td> <td>-</td> <td>-</td> </tr> <tr> <td>Pin</td> <td>2+4</td> <td>2+4</td> <td>-</td> <td>-</td> </tr> <tr> <td>Output</td> <td>-</td> <td>-</td> <td>1</td> <td>2</td> </tr> <tr> <td>Socket</td> <td>-</td> <td>-</td> <td>O-3</td> <td>O-4</td> </tr> <tr> <td>Pin</td> <td>-</td> <td>-</td> <td>4</td> <td>4</td> </tr> </tbody> </table>	Data bit	D0	D1	D2	D3	Input	1	2	-	-	Socket	I-1	I-2	-	-	Pin	2+4	2+4	-	-	Output	-	-	1	2	Socket	-	-	O-3	O-4	Pin	-	-	4	4
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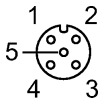
Mechanical data

Housing materials	PBT (Pocan)
Weight [kg]	0.113
Displays / operating elements	
Power LED	green
Error LED	red
Function display LED	yellow
Electrical connection	
Connection	Contact pins at FK-E lower part

Wiring



- Inputs
- 1: Sensor supply L+
 - 2+4: Data input (internally bridged)
 - 3: Sensor supply L-
 - 5: not used



- Outputs
- 1: not used
 - 2: not used
 - 3: External voltage AUX -
 - 4: Switching output +
 - 5: not used

Accessories

Accessories (optional)	Module lower part
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Remarks

Remarks	<p>*) Utilisation category (DC13): The switch-on and switch-off capacity for the triggering of solenoids is rated up to 20 W (to IEC 60947-5-1) Inputs and outputs must be electrically isolated. **) via flat cable</p> <p>Do not connect any of the points I-, I+, I1, I2 to an external potential since they are electrically connected to the AS-i cable.</p>
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Pack quantity [piece]	1
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