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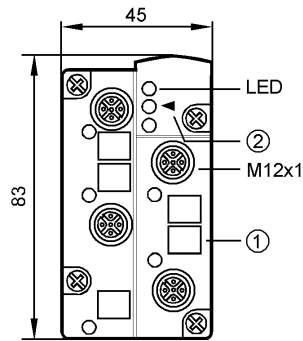
ecomat300

AC2514



ClassicL45 2DO-y 2DI-y 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 with extended addressing mode

Digital outputs and inputs

Electrical data

Electrical design

2 outputs / 2 inputs

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

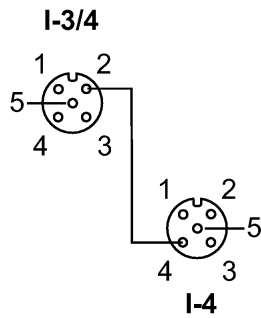
IP 67

AC2514 - Active ClassicLine module - eclass: 27259090 / 27-25-90-90

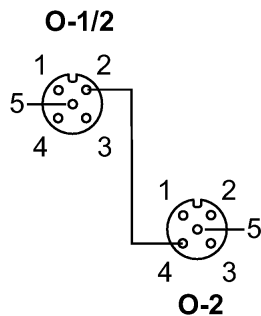
Tests / approvals

EMC	EN 50295																																			
MTTF [Years]	210																																			
AS-i classification																																				
AS-i version	2.1																																			
Extended addressing mode possible	yes																																			
AS-i profile	S-B.A.E																																			
I/O configuration [hex]	B																																			
ID code [Hex]	A.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>-</td> <td>-</td> <td>3</td> <td>4</td> </tr> <tr> <td>Socket</td> <td>-</td> <td>-</td> <td>I-3/4</td> <td>I-3/4 I-4</td> </tr> <tr> <td>Pin</td> <td>-</td> <td>-</td> <td>4</td> <td>2 4</td> </tr> <tr> <td>Output</td> <td>1</td> <td>2</td> <td>-</td> <td>-</td> </tr> <tr> <td>Socket</td> <td>O-1/2</td> <td>O-1/2 / O-2</td> <td>-</td> <td>-</td> </tr> <tr> <td>Pin</td> <td>4</td> <td>2 4</td> <td>-</td> <td>-</td> </tr> </tbody> </table>	Data bit	D0	D1	D2	D3	Input	-	-	3	4	Socket	-	-	I-3/4	I-3/4 I-4	Pin	-	-	4	2 4	Output	1	2	-	-	Socket	O-1/2	O-1/2 / O-2	-	-	Pin	4	2 4	-	-
Data bit	D0	D1	D2	D3																																
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Mechanical data																																				
Housing materials	PBT (Pocan)																																			
Weight [kg]	0.114																																			
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	Socket I-4
Socket I-3/4	1: Sensor supply L+
1: Power supply L+	2: not used
2: Data input 4	3: Sensor supply L-
3: Sensor supply L-	4: Data input 4
4: Data input 3	5: not used
5: not used	



Outputs	Socket O-2
Socket O-1/2	1: not used
1: not used	2: not used
2: Switching output 2	3: External voltage AUX -
3: External voltage AUX -	4: Switching output 2
4: Switching output 1	5: not used
5: not used	

Accessories

Accessories (optional)	Module lower part
Remarks	
Remarks	*) 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)

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Inputs and outputs must be electrically isolated.

**) via flat cable

Do not connect any of the points I-, I+, I-3/4, I-4 to an external potential since they are electrically connected to the AS-i cable.

Pack quantity [piece]

1

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