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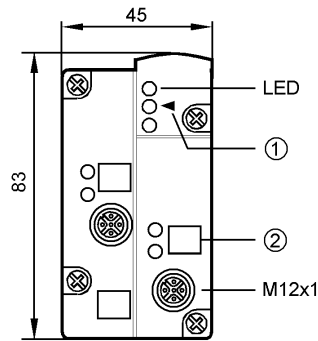
ecomat300

AC2502



ClassicLine45 2x(2DI/1DO T)M12

AS-Interface bus system



1: fixture infrared adapter

2: label



Product characteristics

Active ClassicLine module

AS-i interface to FC and SC lower parts

Sockets M12 x 1

Interfacing of SEW MOVISWITCH motor drives possible

Version 2.1 with extended addressing mode

Digital inputs and outputs

Electrical data

Electrical design

2x2 inputs; 3x1 input and 1 output; 2x1 input and 2 outputs

Operating voltage [V]

26.5...31.6 DC

Total current consumption from

AS-i [mA]

< 150

Max. current load per module [mA]

100 *)

Inputs

digital

Circuit

DC PNP

Sensor supply

AS-i

Voltage range [V]

21...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

External voltage supply

AS-i

Max. current load per output [mA]

100

Electrically separated

no

Integrated watchdog

yes

Short-circuit proof

yes

Environment

Ambient temperature [°C]

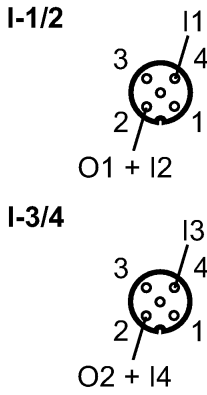
-25...70

Protection

IP 67

Tests / approvals

AC2502 - Active ClassicLine module - eclass: 27259090 / 27-25-90-90

EMC	EN 50295				
MTTF [Years]	377				
AS-i classification					
AS-i version	2.1				
Extended addressing mode possible	yes				
AS-i profile	S-7.A.E				
I/O configuration [hex]	7				
ID code [Hex]	A.E				
AS-i certificate	in preparation				
Data bits	Data bit	D0	D1	D2	D3
	Input	1	2	3	4
	Socket	I-1/2	I-1/2	I-3/4	I-3/4
	Pin	4	2	4	2
	Output	1	2	-	-
	Socket	I-1/2	I-3/4	-	-
	Pin	2	2	-	-
Mechanical data					
Housing materials	PBT (Pocan)				
Weight [kg]	0.107				
Displays / operating elements					
Power LED	green				
Error LED	red				
Function display LED	yellow				
Electrical connection					
Connection	contact pins on FC or SC lower module				
Wiring	 <p>socket I-1/2; I-3/4 1: sensor supply L+ 2/4: data input (function check input) or switching output (programming output) 3: sensor supply L-</p>				
Accessories					
Accessories (optional)	Module lower part				
Remarks					
Remarks	Do not connect any of the points I-1/2, I-3/4 to an external potential since they are electrically connected to the AS-i cable. *) total current for both outputs and sensor supply 100 mA supplied from AS-i **) via flat cable				
Pack quantity [piece]	1				