

no longer available - archive entry Alternative article: AC5205

When selecting an alternative article and accessories please note that technical data may differ!

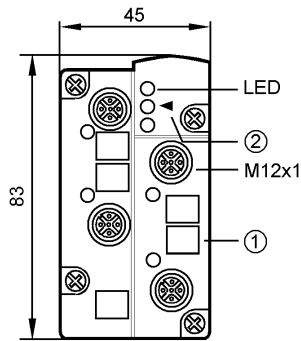
**ecomat300**

AC2505



ClassicLine45 4DI M12

AS-Interface bus system



1: label

2: fixture infrared adapter



Product characteristics

Active ClassicLine module

AS-i interface to FC lower parts

Sockets M12 x 1

IR addressing possible

Version 2.1

Digital inputs

Electrical data

Electrical design

4 inputs

Operating voltage [V]

26.5...31.6 DC

Total current consumption from AS-i [mA]

< 240

Inputs

digital

Circuit

DC 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]

6...10 / 0...2

Switching level High signal 1 [V]

>11

Short-circuit proof

yes

Environment

Ambient temperature [°C]

-25...70

Protection

IP 67

Tests / approvals

EMC

EN 50295

MTTF [Years]

409

AS-i classification

AS-i version

2.1

Extended addressing mode possible

version 2.1 / no

AS-i profile

S-0.0.E

I/O configuration [hex]

0

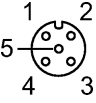
ID code [Hex]

0.E

AS-i certificate

39101

# AC2505 - Active ClassicLine module - eclass: 27259090 / 27-25-90-90

Data bits	<b>Data bit</b>	<b>D0</b>	<b>D1</b>	<b>D2</b>	<b>D3</b>
	Input	1	2	3	4
	Socket	I-1	I-2	I-3	I-4
	Pin	2+4	2+4	2+4	2+4
Mechanical data					
Housing materials	PBT (Pocan)				
Weight [kg]	0.119				
Displays / operating elements					
Power LED	green				
Error LED	red				
Function display LED	yellow				
Electrical connection					
Connection	contact pins on FC or SC lower module				
<b>Wiring</b>					
		<b>Inputs</b> 1: Sensor supply L+ 2+4: Data input (internally bridged) 3: Sensor supply L- 5: not used			
Accessories					
Accessories (optional)	Module lower part				
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. *) via flat cable				
Pack quantity [piece]	1				

ifm efector, inc. • 1100 Atwater Drive • Malvern • PA 19355 — We reserve the right to make technical alterations without prior notice. — US — AC2505 — 04.09.2013

no longer available - archive entryAlternative article: AC5205

When selecting an alternative article and accessories please note that technical data may differ!