



AS-Interface ClassicLine module

ClassicLine45 4DI FKT M12

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1 panel for labelling
2 fixture infrared adapter



Electrical data		
Operating voltage	[V]	26.5...31.6 DC
Max. current consumption from AS-i	[mA]	250
Inputs / outputs		
Number of inputs and outputs		Number of digital inputs: 4
Inputs		
Number of digital inputs		4
Input circuit of digital inputs		PNP
Sensor supply of the inputs		AS-i
Voltage supply	[V]	18...30; (via flat cable)
Max. total current rating of inputs	[mA]	200
Input current High	[mA]	6...10
Input current low	[mA]	0...2
Switching level high	[V]	> 11
Digital inputs protected against short circuits		yes
Outputs		
Electrical design		AS-i
Operating conditions		
Ambient temperature	[°C]	-25...50



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Note on ambient temperature	current for sensor supply: < 200 mA
	-25...70 °C: < 150 mA
Protection	IP 67

Tests / approvals

EMC	EN 50295
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AS-i classification

AS-i version	2.1						
AS-i addressing	IR addressing possible						
Extended addressing mode	no						
AS-i profile	S-0.F.E						
AS-i I/O configuration [hex]	0						
AS-i ID code [hex]	F.E						
Parameter bits	Parameter bit	Description					
	P0	selection High active / Low active	/	Pin	2 /	Socket	I-1 / FKT 1
	P1	selection High active / Low active	/	Pin	2 /	Socket	I-2 / FKT 2
	P2	selection High active / Low active	/	Pin	2 /	Socket	I-3 / FKT 3
	P3	selection High active / Low active	/	Pin	2 /	Socket	I-4 / FKT 4

Mechanical data

Weight [g]	107.7
Type of mounting	AS-i interface to FC lower parts
Material	PBT

Displays / operating elements

Display	Power	LED, green
	errors	LED, red
	Function	LED, yellow

Accessories

Accessories (optional)	Module lower part
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Remarks

Remarks	Do not connect any of the following points to an external potential: I-, I+, I1...I4, FKT1...FKT4 The connections are electrically connected with the AS-i cable. In case of a fault the high or low activity (NO or NC principle) of the function check inputs can be set separately. In case of a fault the red LED of the corresponding input lights and in addition LED 2 (FAULT) flashes.
Pack quantity	1 pcs.



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Electrical connection

contact pins to module lower part, FK / PG:

Connector: M12; coding: A



	Inputs
1	Sensor supply L+
2	function check input
3	Sensor supply L-
4	Data input
5	not used