AC2011

AS-Interface module

Moduloberteil aktiv, 1x2E/2AR

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Alternative articles: AC5211

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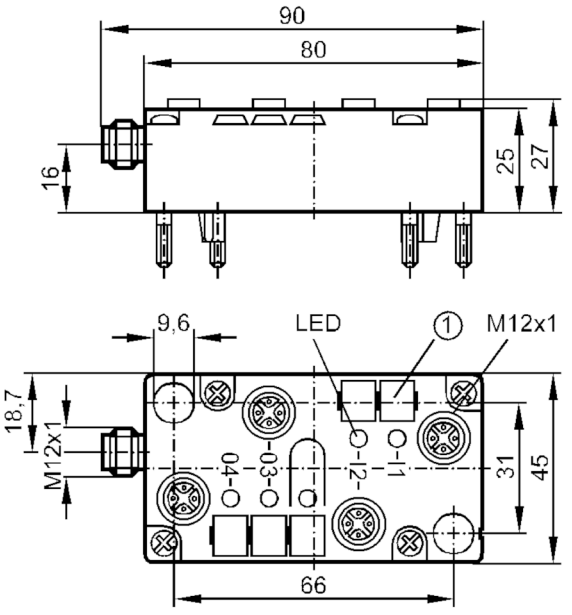

1 panel for labelling

Electrical data		
Operating voltage	[V]	26.5...31.6 DC
Current consumption	[mA]	< 135
Max. current load total	[A]	2
Integrated watchdog		no
Inputs / outputs		
Number of inputs and outputs		Number of digital inputs: 2; Number of relay outputs: 2
Inputs		
Number of digital inputs		2
Input circuit of digital inputs		PNP
Sensor supply of the inputs		AS-i
Voltage supply	[V]	20...30
Max. total current rating of inputs	[mA]	100
Input current High	[mA]	> 5
Input current low	[mA]	< 1.5
Switching level high	[V]	> 10
Digital inputs protected against short circuits		yes

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Outputs		
Electrical design		AS-i
Voltage range DC	[V]	24; (to PELV; via M12 connector)
Max. current load per output	[mA]	1000; (DC-12)
Number of relay outputs		2
Short-circuit proof		no
Electrically separated		yes

Operating conditions		
Ambient temperature	[°C]	-25...85
Protection		IP 67

Tests / approvals		
EMC	EN 50295	
	EN 50178	

AS-i classification						
AS-i profile		S-3.0				
AS-i I/O configuration	[hex]	3				
AS-i ID code	[hex]	0				
Data bits		Data bit	D0	D1	D2	D3
		Socket	I-1	I-1	O-3	O-4
		Pin	4	2	4	4

Mechanical data	
Type of mounting	AS-i interface to FC lower parts
Material	PBT

Displays / operating elements		
Display	Power	LED, green
	Function	LED, yellow

Remarks	
Remarks	Inputs and outputs must be electrically isolated.
Pack quantity	1 pcs.

Electrical connection

contact pins to module lower part, FK / PG:

Connector: M12; coding: A

Connector: M12; coding: A

1	External voltage +
3	External voltage -