AC2035

AS-Interface universal module

EEMS/Module/4DI/4DO/T/CCT

1   panel for labelling
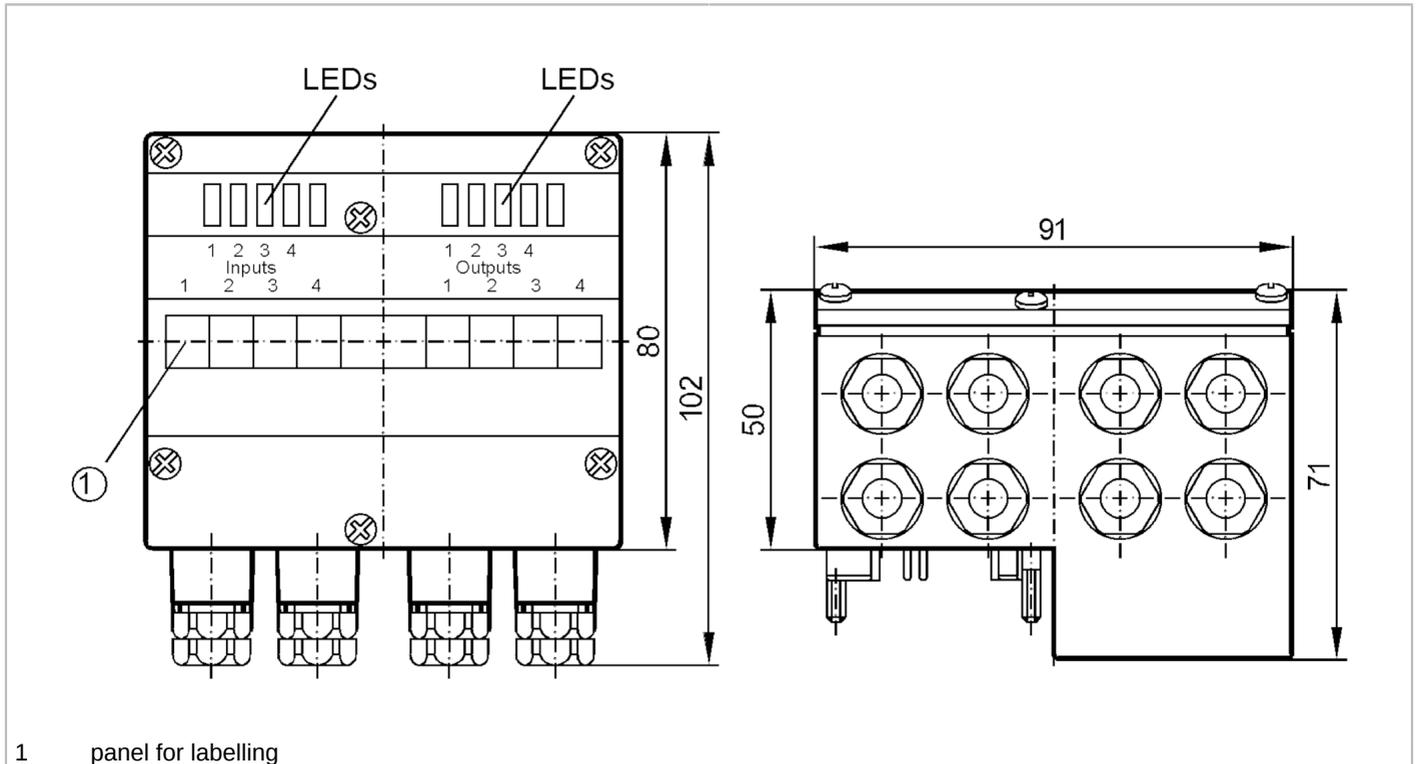
Application	
Application	field installation

Electrical data		
Operating voltage	[V]	26.5...31.6 DC
Max. current consumption from AS-i	[mA]	230
Max. current load total	[A]	4
Integrated watchdog		yes

Inputs / outputs	
Number of inputs and outputs	Number of digital inputs: 4; Number of digital outputs: 4

Inputs		
Number of digital inputs		4
Input circuit of digital inputs		PNP
Sensor supply of the inputs		AS-i
Power supply	[V]	20...30
Max. total current rating of inputs	[mA]	200
Input current High	[mA]	> 5
Input current Low	[mA]	< 3
Switching level high	[V]	> 10
Digital inputs protected against short circuits		yes

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Outputs

Number of digital outputs	4
Circuit	PNP
Voltage range DC [V]	24; (to PELV)
Max. current load per output [mA]	1000; (DC-12 / DC-13)
Short-circuit proof	yes
Electrically separated	yes
Actuator supply outputs	AUX

Operating conditions

Ambient temperature [°C]	-25...60
Protection	IP 65

Tests / approvals

EMC	EN 50295

AS-i classification

AS-i master profile	M2; M3; M4
AS-i profile	S-7.F.F
AS-i I/O configuration [hex]	7
AS-i ID code [hex]	F.F

Assignment of the data bits	data bit	D0	D1	D2	D3
	bidirectional	I-1 / O-1	I-2 / O-2	I-3 / O-3	I-4 / O-4

Assignment of the parameter bits	parameter bit	function					
	P0	watchdog for all outputs	:	activated	* /	deactivated	
	P1	not used					
	P2	not used					
	P3	not used					

Mechanical data

Weight [g]	317
Housing	rectangular
Type of mounting	AS-i interface to FC-E or SC lower parts
Dimensions [mm]	102 x 91 x 71
Materials	PA 6-GF30; stainless steel (303/1.4305)

Displays / operating elements

Display	operation	LED, green
	function	LED, yellow

Electrical connection

Module connection	Flat cables

Remarks

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

Electrical connection

cage clamps:

contact pins to module lower part, FK-E / PG: