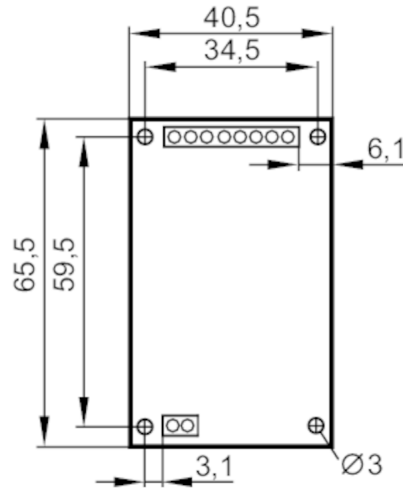


AC2731



AS-Interface PCB module

PCB 3DI 3DO T IP00



Application	
Application	housing for panel mounting
Electrical data	
Operating voltage [V]	26.5...31.6 DC
Current consumption [mA]	< 200
Max. current load total [A]	0.18; (total current for all inputs and outputs supplied from AS-i: 180 mA)
Integrated watchdog	yes
Inputs / outputs	
Number of inputs and outputs	Number of digital inputs: 3; Number of digital outputs: 3
Inputs	
Number of digital inputs	3
Input circuit of digital inputs	PNP
Sensor supply of the inputs	AS-i
Voltage supply [V]	20...30; (DC)
Digital inputs protected against short circuits	yes
Outputs	
Electrical design	PNP
Number of digital outputs	3
Voltage range DC [V]	18...30; (DC)
Max. current load per output [mA]	180; (note current load for all inputs and outputs)
Short-circuit proof	yes
Actuator supply outputs	AS-i
Operating conditions	
Ambient temperature [°C]	-25...70
Tests / approvals	
EMC	EN 50295

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AS-Interface PCB module

PCB 3DI 3DO T IP00

AS-i classification

AS-i version	2.1				
Extended addressing mode	yes				
AS-i profile	S-7.A.E				
AS-i I/O configuration [hex]	7				
AS-i ID code [hex]	A.E				
Assignment of the data bits	data bit	D0	D1	D2	D3
	input	I-1	I-2	I-3	-
	Output	O-1	O-2	O-3	-

Mechanical data

Weight [g]	30.5
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Displays / operating elements

Display	operation	LED, green
	failure	LED, red

Remarks

Remarks	The AS-i module is a PCB solution for an AS-i slave, supply via AS-i. A watchdog function switches the outputs off if there is no communication on the AS-i line.
Pack quantity	1 pcs.

Electrical connection

screw terminals: 0.2...1.5 mm²; AWG26 - AWG16

O1	Output 1
O2	Output 2
O3	Output 3
I-	Sensor supply 0 V
I+	Sensor supply +24 V
I1	input 1
I2	input 2
I3	input 3
A-	AS-i -
A+	AS-i +