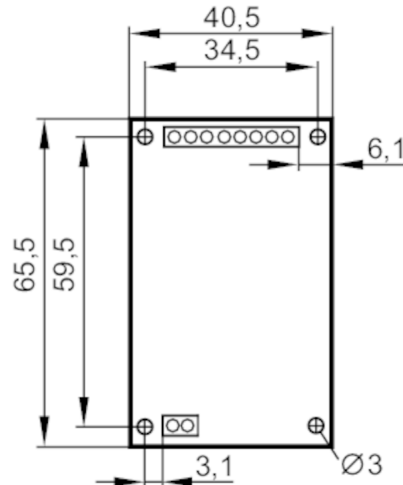


# AC2731



## AS-Interface PCB module

PCB 3DI 3DO T IP00



### Electrical data

Operating voltage [V]	26.5...31.6 DC
Current consumption [mA]	< 200
Max. current load total [A]	0.18
Integrated watchdog	yes

### Inputs / outputs

Number of inputs and outputs	Number of digital inputs: 3; Number of digital outputs: 3
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### Inputs

Number of digital inputs	3
Sensor supply of the inputs	AS-i
Voltage supply [V]	20...30
Digital inputs protected against short circuits	yes

### Outputs

Number of digital outputs	3
Voltage range DC [V]	AS-i
Max. current load per output [mA]	180; (note current load for all inputs and outputs )
Short-circuit proof	yes

### Operating conditions

Ambient temperature [°C]	-25...70
Protection	IP 00

### Tests / approvals

EMC	EN 50295
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# AC2731



## AS-Interface PCB module

PCB 3DI 3DO T IP00

AS-i classification					
AS-i version	2.1				
Extended addressing mode possible	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				
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 mm <sup>2</sup> ; 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 +				