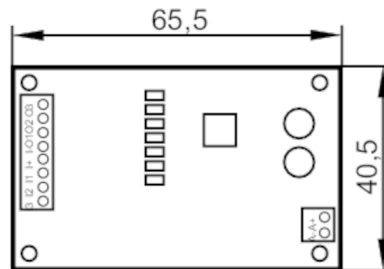


AC2731



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

Outputs

Number of digital outputs	3
Voltage range DC	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]	31.5				
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:					
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 +				