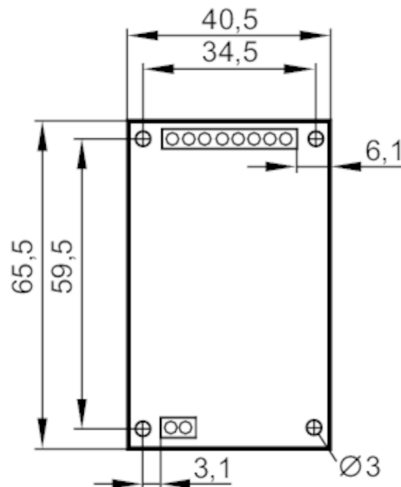


AC2731



AS-Interface PCB module

PCB 3DI 3DO T IP00



Application		
Application	For integration of mechanical switches into AS-i networks	
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	



AS-Interface PCB module

PCB 3DI 3DO T IP00

AS-i classification						
AS-i version		2.1				
Extended addressing mode		yes				
AS-i master profile		M2; M3; M4				
AS-i profile		S-7.A.E				
AS-i I/O configuration [hex]		7				
AS-i ID code [hex]		A.E				
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				
Housing		rectangular				
Displays / operating elements						
Display		Power		LED, green		
		error		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 +					