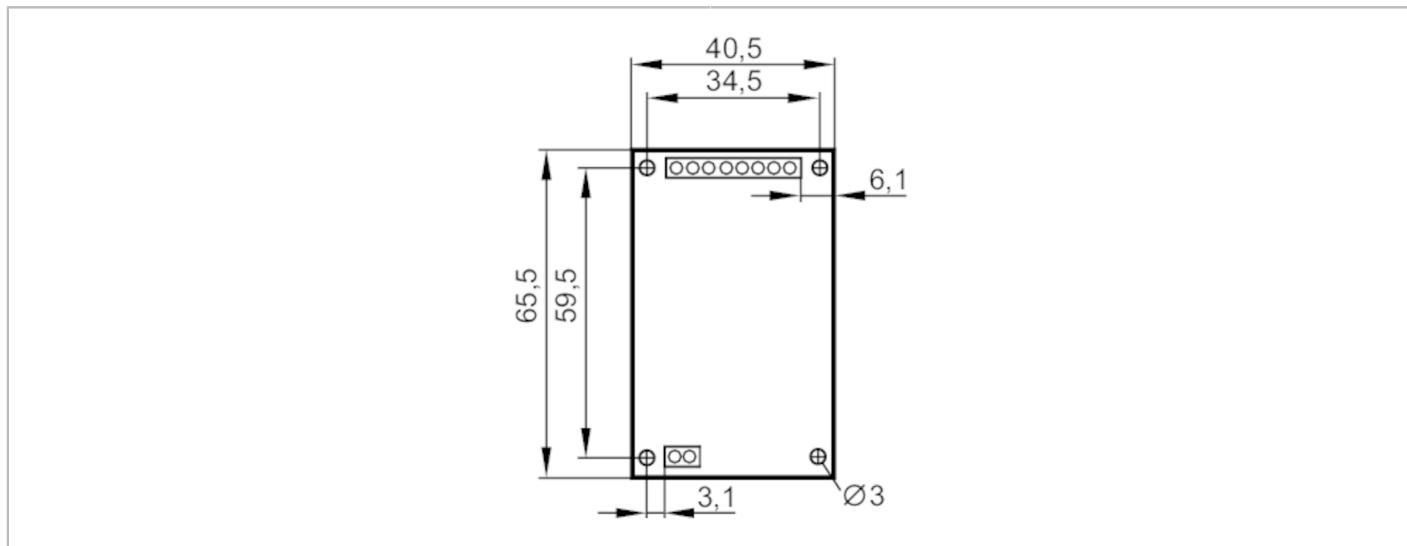


AC2731

AS-Interface PCB module

PCB 3DI 3DO T IP00



CE

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
Power 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

AC2731



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						
Assignment of the data bits		data bit	D0	D1	D2				
		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 ² ; 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 +							