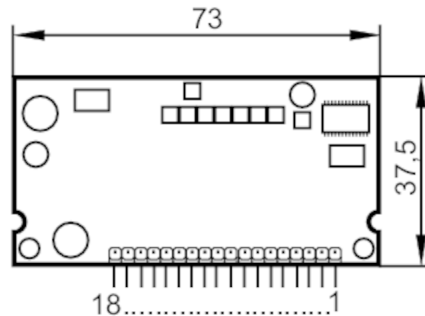




AS-Interface PCB module

Circuit board

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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
Integrated watchdog	yes
Inputs / outputs	
Number of inputs and outputs	Number of digital inputs: 4; Number of digital outputs: 4
Inputs	
Number of digital inputs	4
Sensor supply of the inputs	AS-i
Voltage supply [V]	20...30
Max. total current rating of inputs [mA]	180
Input current High [mA]	> 1.5
Input current Low [mA]	< 5
Digital inputs protected against short circuits	yes
Outputs	
Electrical design	PNP
Number of digital outputs	4
Voltage range DC [V]	30...18
Max. current load per output [mA]	100; (note current load for all inputs and outputs)
Short-circuit proof	yes
Actuator supply outputs	AS-i
Operating conditions	
Ambient temperature [°C]	-25...70
Protection	IP 00

AC2726



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Tests / approvals					
EMC	EN 50295				
MTTF [years]	280				
AS-i classification					
AS-i version	2.1				
Extended addressing mode	no				
AS-i profile	S-7.0.F				
AS-i I/O configuration [hex]	7				
AS-i ID code [hex]	0.F				
AS-i certificate pending	yes				
Assignment of the data bits	data bit	D0	D1	D2	D3
	input	I-1	I-2	I-3	I-4
	Output	O-1	O-2	O-3	O-4
Assignment of the parameter bits	parameter bit	function			
	P0	not used			
	P1	not used			
	P2	not used			
	P3	not used			
Mechanical data					
Weight [g]	28.7				
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.				



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Circuit board

Electrical connection

screw terminals:

1	AS-i +
2	AS-i -
3	off
4	+
5	0V
6	Output 4
7	input 4
8	0V
9	Output 3
10	input 3
11	0V
12	Output 2
13	input 2
14	0V
15	Output 1
16	input 1
17	+
18	n.c.