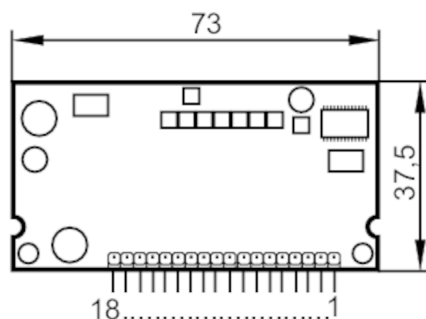


AC2726



AS-Interface PCB module

Circuit board



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

Number of digital inputs		4
voltage supply	[V]	20...30
Input current High	[mA]	> 1.5
Input current Low	[mA]	< 5
Digital inputs protected against short circuits		yes
Sensor supply of the inputs		AS-i

Outputs

Number of digital outputs		4
Voltage range DC		AS-i
Max. current load per output	[mA]	100; (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
MTTF	[years]	280



AS-Interface PCB module

Circuit board

AS-i classification					
AS-i version	2.1				
Extended addressing mode possible	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]	34

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:

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.