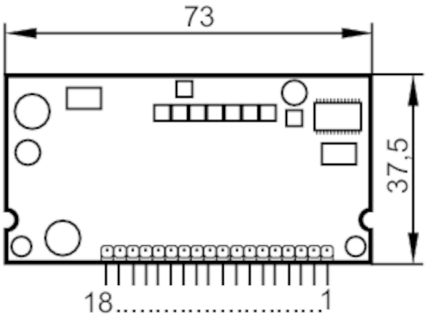
AC2726

AS-Interface PCB module

Circuit board

Article no longer available - archive entry



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
Power 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

AS-Interface PCB module

Circuit board

Tests / approvals		
EMC	EN 50295	

AS-i classification						
AS-i version		2.1				
Extended addressing mode		no				
AS-i master profile		M2; M3; M4				
AS-i profile		S-7.0.F				
AS-i I/O configuration	[hex]	7				
AS-i ID code	[hex]	0.F				
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.

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.