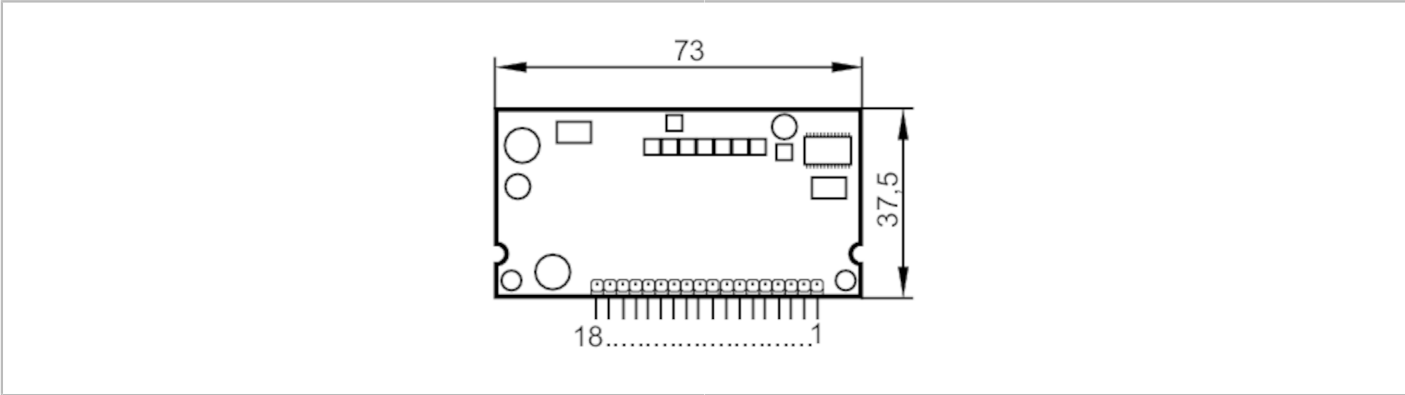




AS-Interface PCB module

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
Подача напруги	[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



AS-Interface PCB module

Circuit board

Tests / approvals												
EMC			EN 50295									
AS-i classification												
AS-i version			2.1									
Розширений режим адресації			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.											