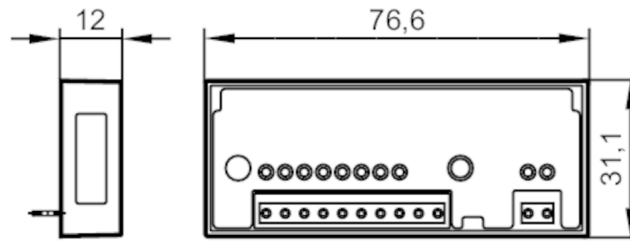


AC2750



AS-Interface PCB module

PCB 4DI 4DO T W A/B



Application

Application	only for operation with AS-i masters with the profile M4
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Electrical data

Operating voltage	[V]	18...31.6 DC
Max. current consumption from AS-i	[mA]	180; (without sensors: < 30 mA; inputs and outputs active: < 180 mA)
Protection class		III
Max. current load total	[A]	0.15; (total current for all outputs and sensor supply supplied from AS-i: 150 mA)
Integrated watchdog		yes

Inputs

Number of digital inputs		4
Input circuit of digital inputs		PNP
voltage supply	[V]	18...30
Max. total current rating of inputs	[mA]	150
Input current High	[mA]	6...10
Input current Low	[mA]	0...2
Min. switching level high signal	[V]	11
Digital inputs protected against short circuits		yes
Sensor supply of the inputs		AS-i

Outputs

Number of digital outputs		4
Beschaltung		PNP
Voltage range DC		AS-i
Max. current load per output	[mA]	100; (utilisation category DC-13 (control of electromagnets): 2,5 W (IEC 60947-5-1))
Short-circuit proof		yes
Electrically separated		yes

Operating conditions

Ambient temperature	[°C]	-25...55
Protection		IP 20

Tests / approvals

EMC	EN 50295
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AS-Interface PCB module

PCB 4DI 4DO T W A/B

AS-i classification		
AS-i version		3.0
Extended addressing mode possible		yes
AS-i profile		S-7.A.7
AS-i I/O configuration	[hex]	7
AS-i ID code	[hex]	A.7
AS-i certificate		102301
Mechanical data		
Weight		[g] 74.5
Type of mounting		installation in a surface-mounted housing
Dimensions		[mm] 31.1 x 12 x 76.6
Materials		housing: PC potted
Displays / operating elements		
Display	operation	LED, green
	errors	LED, red
	function	LED, yellow
Remarks		
Remarks	A watchdog function switches the outputs off if there is no communication on the AS-i line.	
	Install the unit so that exposed parts cannot be touched.	
	Installation in a surface-mounted housing with the dimensions of 68 x 136 x 53 mm (LxWxH), e.g. Schneider Electric Harmony, XALD03, XALD04	
	Do not connect any of the following points to an external potential:	
	0-, I+, I1, I2, I3, I4	
	The connections are electrically connected with the AS-i cable.	
can be used up to a height of 2000 metres above sea level		
Pack quantity		1 pcs.
Electrical connection		
;,, PVC		
I1 WH	switching input sensor 1	
I2 WH	switching input sensor 2	
I3 WH	switching input sensor 3	
I4 WH	switching input sensor 4	
O1 YE	switching output actuator 1	
O2 YE	switching output actuator 2	
O3 YE	switching output actuator 3	
O4 YE	switching output actuator 4	
0- BK	sensor and actuator supply 0 V	
I+ RD	sensor and actuator supply 24 V	
AS-i - (FLT) BU	AS-i -	
AS-i + (PWR) BN	AS-i +	