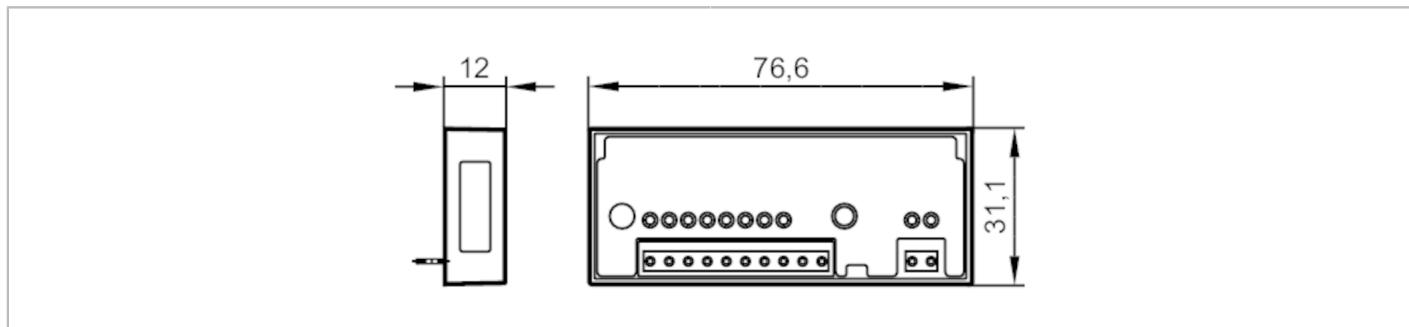
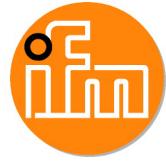


# AC2750

## AS-Interface PCB module

PCB 4DI 4DO T W A/B



### Application

Design	only for operation with AS-i masters with the profile M4
Application	housing for panel mounting

### Electrical data

Operating voltage [V]	18...31.6 DC
Max. current consumption [mA] from AS-i	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 inputs and outputs supplied from AS-i: 150 mA)
Integrated watchdog	yes

### Inputs / outputs

Number of inputs and outputs	Number of digital inputs: 4; Number of digital outputs: 4
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### Inputs

Number of digital inputs	4
Input circuit of digital inputs	PNP
Sensor supply of the inputs	AS-i
Power supply [V]	18...30; (DC)
Max. total current rating of inputs [mA]	150
Input current High [mA]	6...10
Input current Low [mA]	0...2
Switching level high [V]	> 11
Digital inputs protected against short circuits	yes

### Outputs

Electrical design	PNP
Number of digital outputs	4
Circuit	PNP
Voltage range DC [V]	18...30; (DC)
Max. current load per output [mA]	100; (utilisation category DC-13 (control of electromagnets): 2,5 W (IEC 60947-5-1))
Max. current load outputs total [A]	0.15
Short-circuit proof	yes
Electrically separated	yes

# AC2750



## AS-Interface PCB module

PCB 4DI 4DO T W A/B

Actuator supply outputs	AS-i	
<b>Operating conditions</b>		
Ambient temperature	[°C]	
Protection	IP 20	
<b>Tests / approvals</b>		
EMC	EN 50295	
<b>AS-i classification</b>		
AS-i version	3.0	
Extended addressing mode	yes	
AS-i master profile	M4	
AS-i profile	S-7.A.7	
AS-i I/O configuration	[hex]	
AS-i ID code	[hex]	
AS-i certificate	102301	
<b>Mechanical data</b>		
Weight	[g]	
Type of mounting	installation in a surface-mounted housing	
Dimensions	[mm]	
Materials	housing: PC potted	
<b>Displays / operating elements</b>		
Display	operation errors function	LED, green LED, red LED, yellow
<b>Remarks</b>		
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.	
<b>Electrical connection</b>		
Cable: 0.2 m, 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 +	