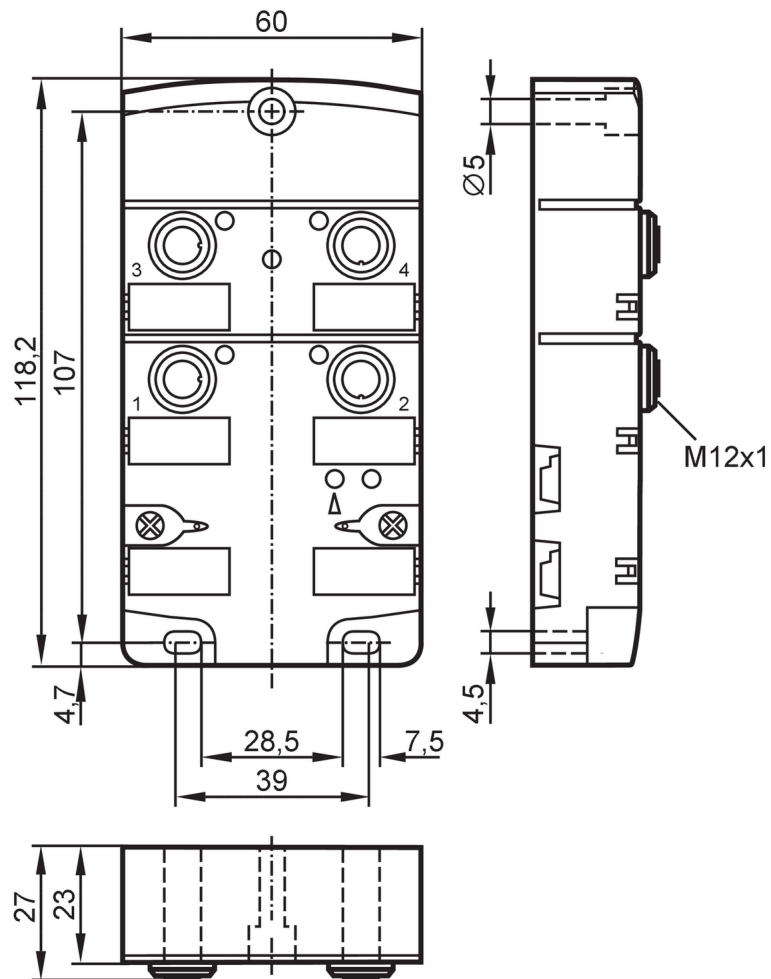


AC2410



AS-Interface CompactLine module

CompactModule 4DI M12



Application

Application	field installation
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Electrical data

Operating voltage	[V]	26.5...31.6 DC
Max. current consumption from AS-i	[mA]	250

Inputs / outputs

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

Number of digital inputs		4
Input circuit of digital inputs		PNP
Sensor supply of the inputs		AS-i
Voltage supply	[V]	20...30; (DC)
Max. total current rating of inputs	[mA]	200
Input current limitation	[mA]	15
Input current High	[mA]	6...10



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Input current Low	[mA]	0...2			
Switching level high	[V]	> 11			
Digital inputs protected against short circuits		yes			
Operating conditions					
Ambient temperature	[°C]	-25...80			
Storage temperature	[°C]	-25...80			
Max. relative air humidity	[%]	90; (non condensing)			
Max. height above sea level	[m]	2000			
Protection		IP 67; (when flat cables are used E7400x / E7401x)			
Tests / approvals					
EMC		EN 61000-6-2			
		EN 62026-2			
		EN 50581			
MTTF	[years]	382			
UL approval		voltage supply		Class 2	
AS-i classification					
AS-i version		2.11; 3.0			
AS-i addressing		IR addressing possible			
Extended addressing mode		no			
AS-i master profile		M2; M3; M4			
AS-i profile		S-0.0.E			
AS-i I/O configuration	[hex]	0			
AS-i ID code	[hex]	0.E			
AS-i certificate		40501			
Assignment of the data bits	data bit	D0	D1	D2	D3
	input	1	2	3	4
	socket	I-1	I-2	I-3	I-4
	pin	2+4	2+4	2+4	2+4
Mechanical data					
Weight	[g]	290.5			
Housing		rectangular			
Type of mounting		AS-i flat cables directly connectable; backplane mounting			
Dimensions	[mm]	118.2 x 60 x 27			
Materials		PA; socket: brass nickel-plated; threaded inserts in the lower part: brass nickel-plated; O-ring: FKM; piercing contacts: CuSn6 nickel-plated and tin-plated			
Displays / operating elements					
Display	switching status			LED, yellow I1...I4	
	operation			LED, green AS-i	
	errors			LED, red	
Electrical connection					
Module connection		Flat cables			
Accessories					
Accessories (optional)		Stainless steel sleeve, for installation in case of high mechanical stress , E70402			

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Remarks	
Remarks	Do not connect any of the following points to an external potential: I-, I+, I1, I2, I3, I4 The connections are electrically connected with the AS-i cable.
Pack quantity	1 pcs.

Electrical connection	
Connector: M12; coding: A; Contacts: 5	
1	Inputs
2+4	Sensor supply L+
3	data input 1 internally bridged
5	Sensor supply L-
	functional earth