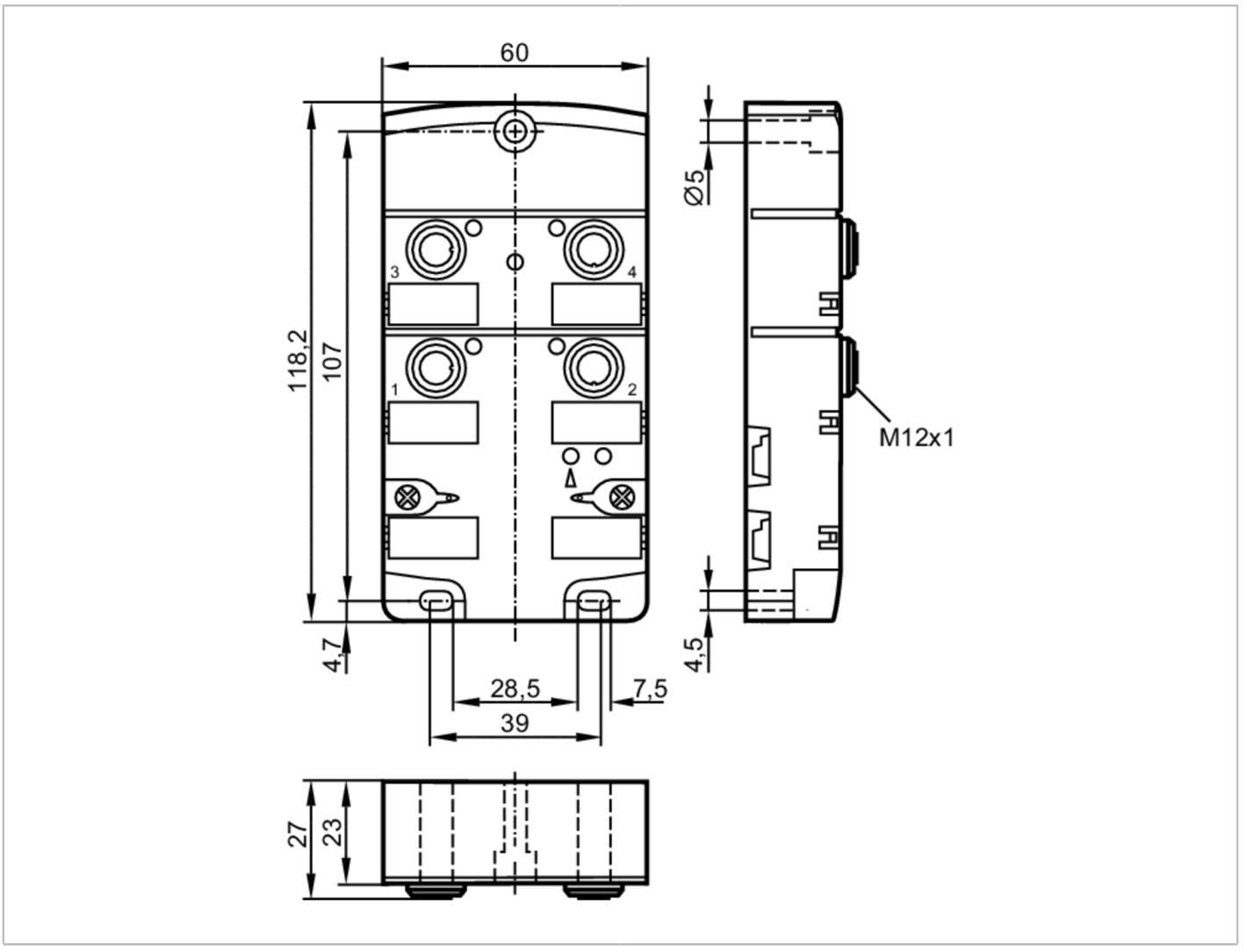
AC2410

AS-Interface CompactLine module

CompactModule 4DI M12



Made in Germany

Electrical data		
Operating voltage	[V]	26.5...31.6 DC; ("supply class 2" to cULus)
Max. current consumption from AS-i	[mA]	250
Inputs		
Number of digital inputs		4
Input circuit of digital inputs		PNP
Max. total current rating of inputs	[mA]	200
Input current limitation	[mA]	15
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

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Operating conditions						
Ambient temperature	[°C]	-25...80				
Protection		IP 67; ("enclosure type 1" according to cULus; when flat cables are used E7400x / E7401x)				
Tests / approvals						
EMC		EN 50295				
AS-i classification						
AS-i version		2.11 + 3.0				
AS-i addressing		IR addressing possible				
Extended addressing mode possible		no				
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]	291.6				
Type of mounting		AS-i flat cables directly connectable				
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		operation	LED, green			
		errors	LED, red			
		function	LED, yellow			
Accessories						
Accessories (optional)		Stainless steel sleeve, for installation in case of high mechanical stress , E70402				
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						

	Inputs
1	Sensor supply L+
2+4	data input 1 internally bridged
3	Sensor supply L-
5	functional earth

Connector: M12

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