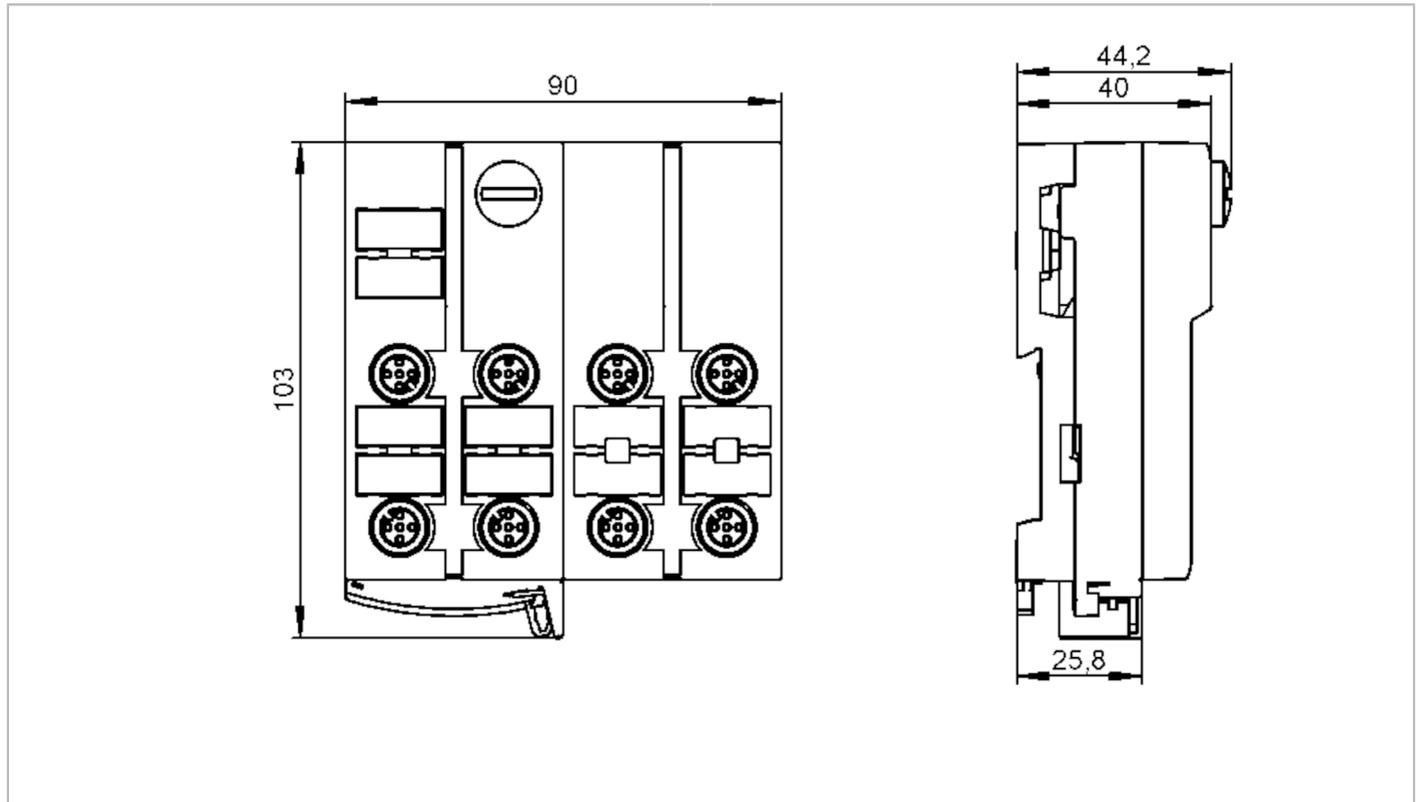# AC5210

AS-Interface ClassicLine module with quick mounting technology

ClassicLine 8DI-Y IP67

Application	
Application	field installation

Electrical data		
Operating voltage	[V]	26.5...31.6 DC; ("supply class 2" to cULus)
Max. current consumption from AS-i	[mA]	300

Inputs / outputs	
Number of inputs and outputs	Number of digital inputs: 8

Inputs		
Number of digital inputs		8; (2 x Slave)
Input circuit of digital inputs		PNP
Sensor supply of the inputs		AS-i
Power supply	[V]	18...30
Max. total current rating of inputs	[mA]	250; (2 x 125)
Input current High	[mA]	6...10
Input current Low	[mA]	0...2
Switching level high	[V]	> 11
Digital inputs protected against short circuits		yes

Operating conditions		
Ambient temperature	[°C]	-25...70
Protection		IP 67

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Tests / approvals					
EMC		EN 50295			
		IEC 61000-6-2			
MTTF	[years]	218			

AS-i classification					
AS-i version		2.11; 3.0			
AS-i addressing		addressing socket			
Extended addressing mode		yes			
AS-i master profile		M2; M3; M4			
AS-i profile		S-0.A.E			
AS-i I/O configuration	[hex]	0			
AS-i ID code	[hex]	A.E			
AS-i certificate		89001			
Assignment of the data bits		data bit	D0	D1	D2	D3
		input	1	2	3	4
		socket	I-1/2	I-1/2 I-2	I-3/4	I-3/4 I-4
		pin	4	2 4	4	2 4

Mechanical data		
Weight	[g]	284.5
Housing		housing for DIN rail mounting
Type of mounting		AS-i flat cables directly connectable
Dimensions	[mm]	103 x 90 x 40
Materials		PA; piercing contacts: CuSn6 nickel-plated and tin-plated

Displays / operating elements		
Display	operation	LED, green
	errors	LED, red
	function	LED, yellow

Electrical connection	
Module connection	Flat cables

Accessories	
Items supplied	lower part
Accessories (optional)	Protective cap: M12, E73004

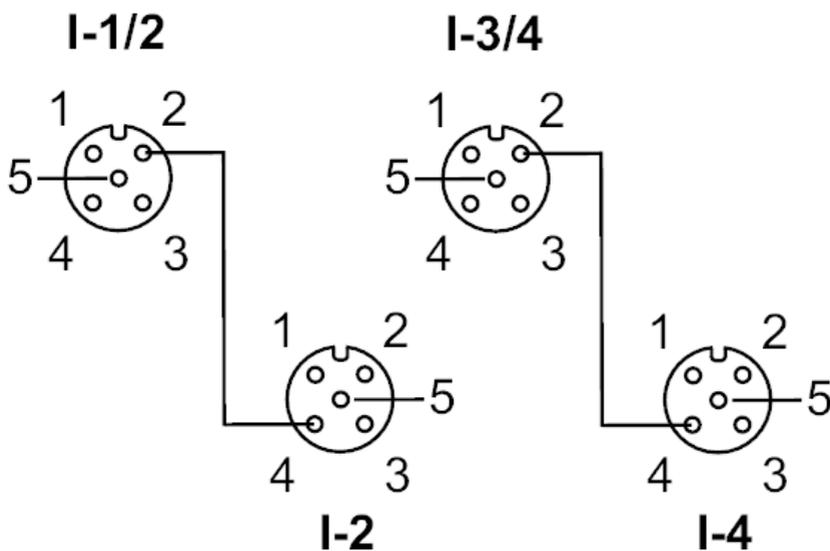| Remarks	
Remarks	Do not connect any of the following points to an external potential:
	I-, I+, I1, I2, I3, I4
	The connections are electrically connected with the AS-i cable.
	default setting of the ID1 codes: slave 1=1 / slave 2=2
Pack quantity	1 pcs.

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quick mounting technology for AS-i flat cable: ; three orientations possible

Connection

Connector: M12

2x	Inputs
	socket I-1/2
1	Sensor supply L+
2	data input 2
3	Sensor supply L-
4	data input 1
5	not used
	socket I-2
1	Sensor supply L+
2	not used
3	Sensor supply L-
4	data input 2
5	not used
	socket I-3/4
1	Sensor supply L+
2	data input 4
3	Sensor supply L-
4	data input 3
5	not used
	socket I-4
1	Sensor supply L+
2	not used
3	Sensor supply L-
4	data input 4
5	not used