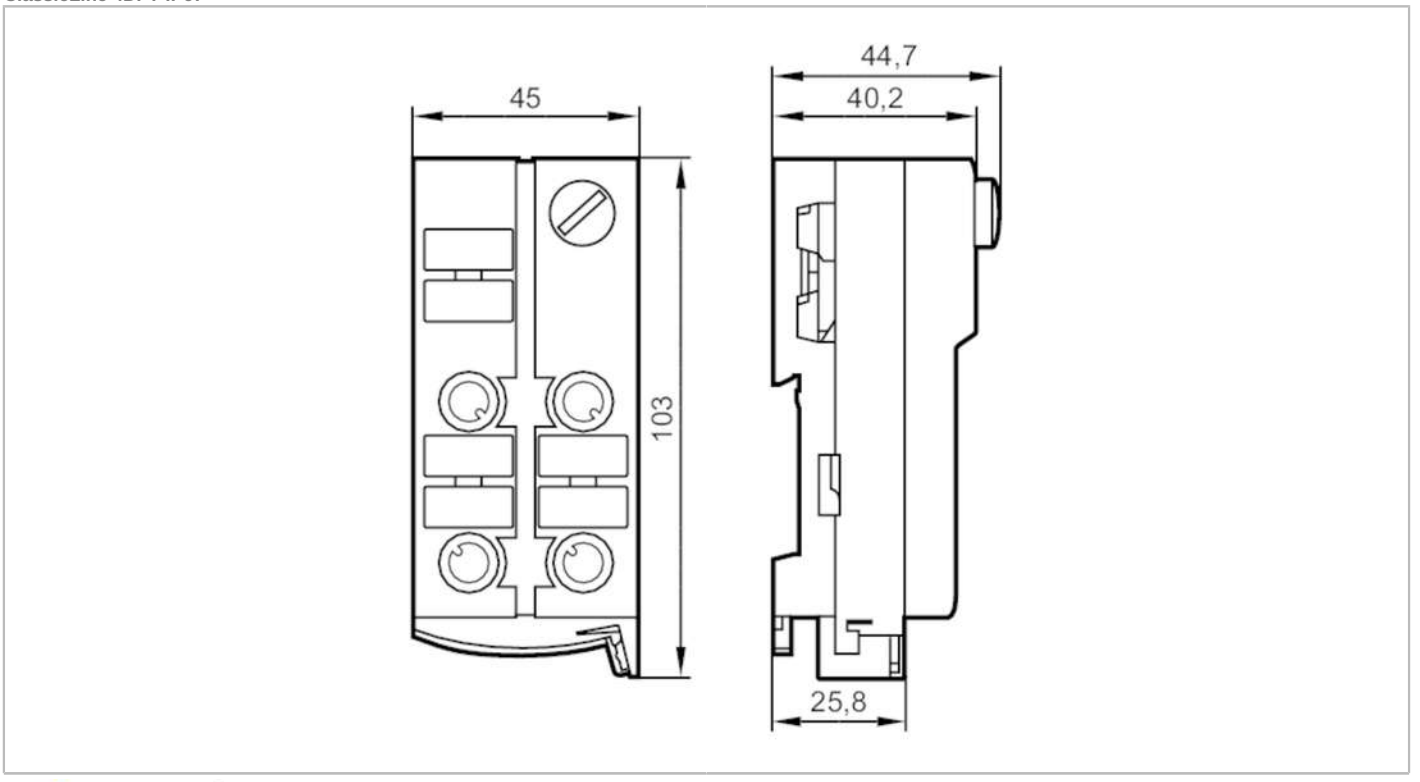
AC5215

AS-Interface ClassicLine module with quick mounting technology

ClassicLine 4DI-Y IP67



Application		
Application		field installation
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
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]	200
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]	405				
AS-i classification						
AS-i version		2.11; 3.0				
AS-i addressing		addressing socket				
Extended addressing mode		yes				
AS-i profile		S-0.A.E				
AS-i I/O configuration	[hex]	0				
AS-i ID code	[hex]	A.E				
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]	155.6				
Type of mounting		AS-i flat cables directly connectable				
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+, I-1/2, I-2, I-3/4, I-4				
		The connections are electrically connected with the AS-i cable.				
		operating voltage "supply class 2" according to cULus				
Pack quantity		1 pcs.				

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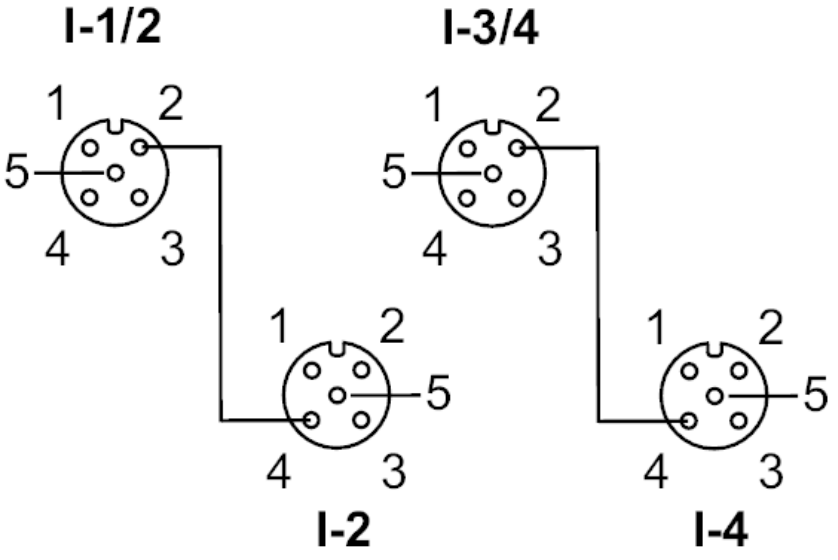
Electrical connection

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

Connection



Connector: M12

	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	power 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