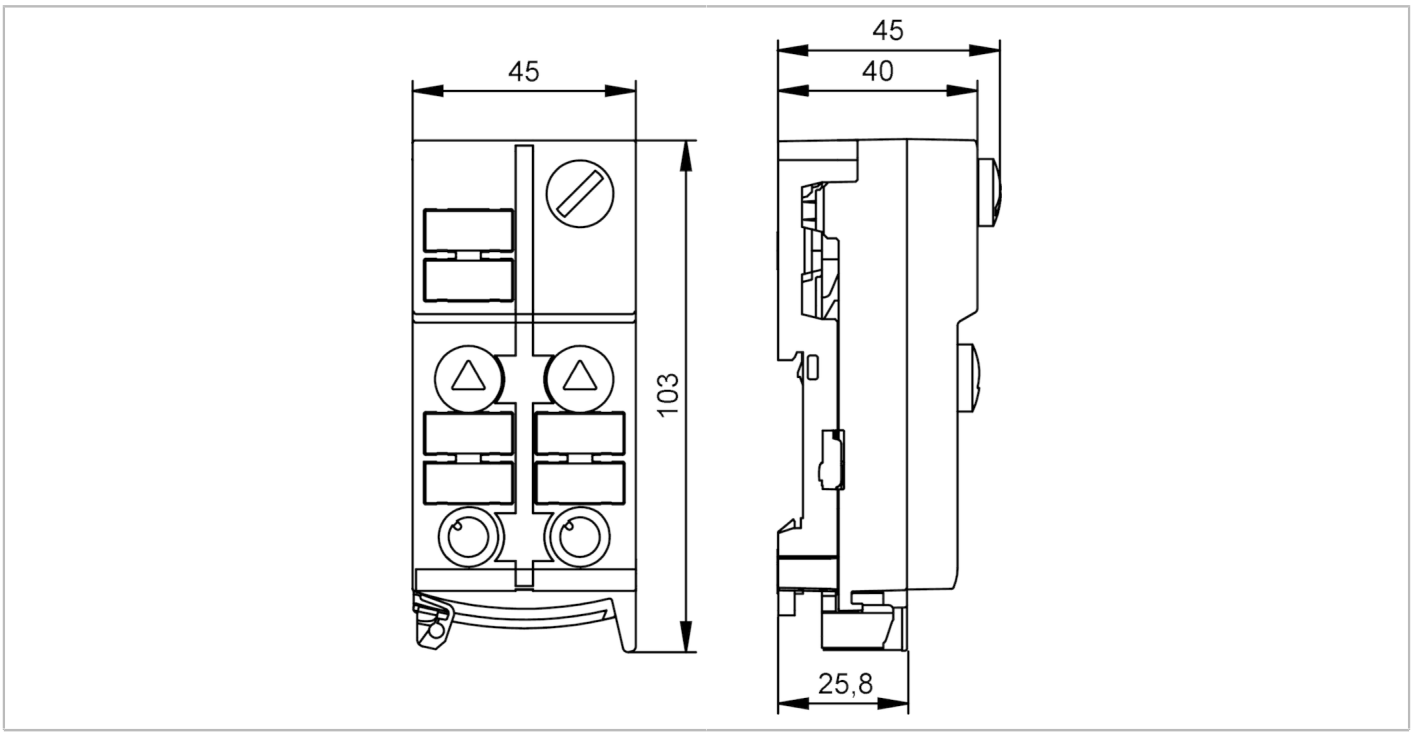
AC5290

AS-Interface ClassicLine module with quick mounting technology

ClassicLine 4DI-Y AUX IP67



Application		
Design		housing for DIN rail mounting
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]	30
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		AUX
Voltage supply	[V]	20...30; (via flat cable)
Max. total current rating of inputs	[mA]	1000
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]	225					

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					
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	
Assignment of the parameter bits		parameter bit	Designation				
		P0	not used				
		P1	peripheral fault indication	: 1	activated	* / 0	deactivated
		P2	not used				
		P3	not used				

Mechanical data

Weight	[g]	173	
Housing		rectangular	
Type of mounting		quick mounting; AS-i flat cables directly connectable; mounting on DIN rail; (TH35 (EN 60715))	
Dimensions	[mm]	103 x 45 x 44.7	
Materials		PA; piercing contacts: CuSn6 nickel-plated and tin-plated	

Displays / operating elements

Display	operation	LED, green Voltage AUX > 7 V
	errors	LED, red AUX 15 V ± 2 V
	function	LED, yellow

Electrical connection

Module connection	Flat cables

Accessories

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

Remarks

Pack quantity	1 pcs.

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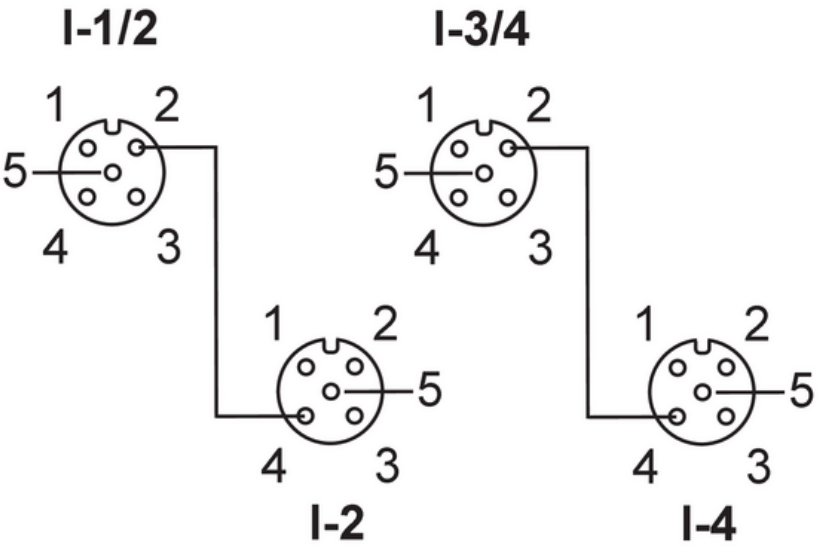
Electrical connection

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

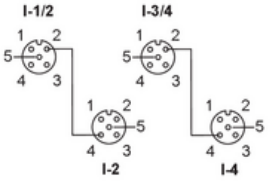
Connection

AN_i_1360_GG

Original Scale Drawing (MTD)



EPS Source
Product Scale Drawing
Frame Size: 75 mm x 45 mm



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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	voltage 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