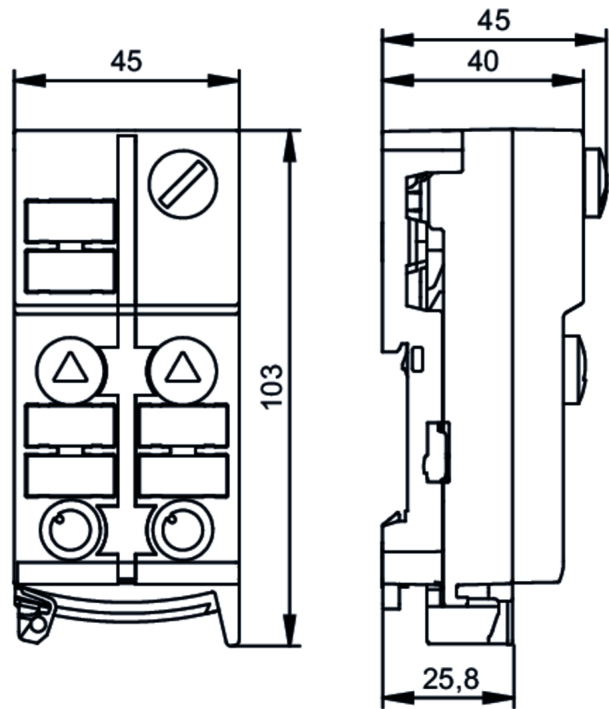


AC5290



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; (cULus - Class 2 source required)
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



AS-Interface ClassicLine module with quick mounting technology

ClassicLine 4DI-Y AUX IP67

Protection		IP 67						
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						
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		
Parameter bits		Parameter bit	Description					
		P0	not used					
		P1	peripheral fault indication	: 1	activated	* / 0	disabled	
		P2	not used					
		P3	not used					
Mechanical data								
Weight [g]		173						
Housing		rectangular						
Type of mounting		quick mounting; AS-i flat cable connection; Mounting on DIN rail; (TH35 (EN 60715))						
Dimensions [mm]		103 x 45 x 44.7						
Material		PA; Piercing contacts: CuSn6 nickel-plated and tin-plated						
Displays / operating elements								
Display		Power		LED, green Voltage AUX > 7 V				
		errors		LED, red AUX 15 V ± 2 V				
		Function		LED, yellow				
Electrical connection								
Module connection		Flat cable						
Accessories								
Items supplied		lower part						
Accessories (optional)		Protective cap: M12, E73004						
Remarks								
Pack quantity		1 pcs.						



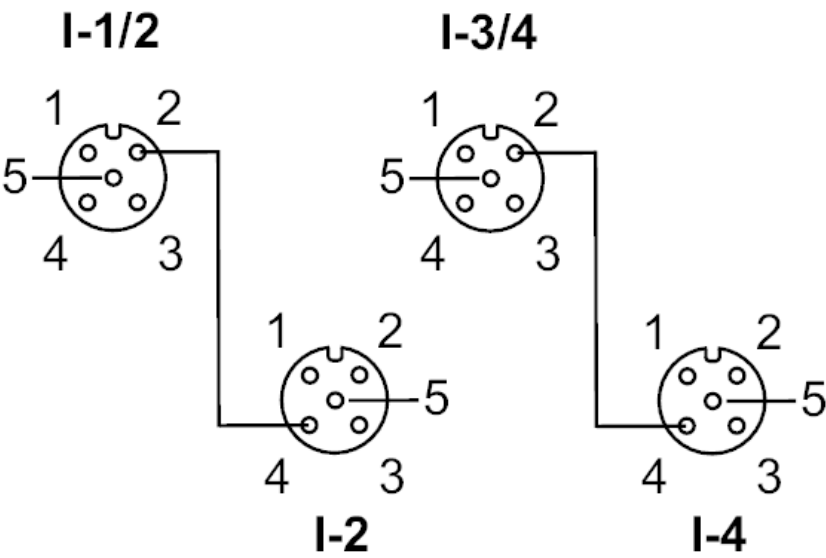
AS-Interface ClassicLine module with quick mounting technology

ClassicLine 4DI-Y AUX IP67

Electrical connection

quick mounting technology for AS-i flat cable: ; three selectable directions

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	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