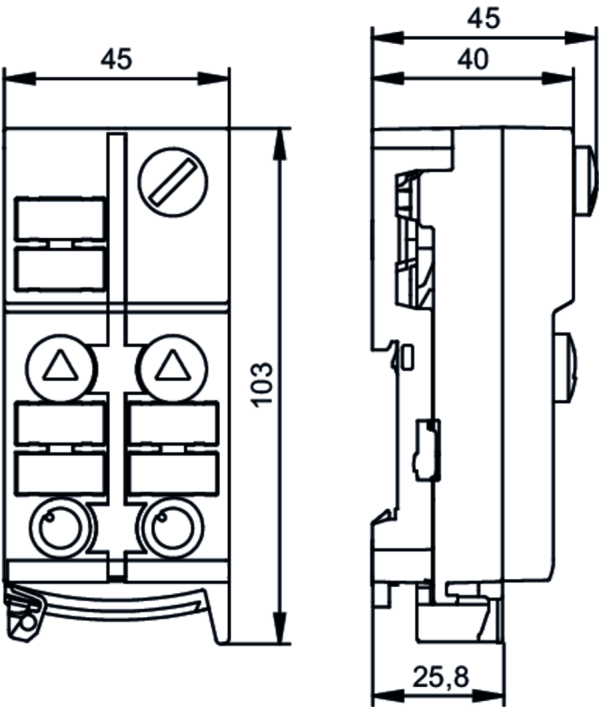




AS-Interface ClassicLine module with quick mounting technology

ClassicLine 4DI-Y IP67



Application	
Design	housing for DIN rail mounting
Application	field installation
Electrical data	
Operating voltage [V]	26.5...31.6 DC
Max. current consumption from AS-i [mA]	250
Max. current load total [A]	4; (max. current rating of the piercing points)
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
Voltage supply [V]	18...30; (via flat cable)
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



AS-Interface ClassicLine module with quick mounting technology

ClassicLine 4DI-Y IP67

Operating conditions					
Ambient temperature	[°C]	-25...70			
Protection		IP 67			
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 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
Mechanical data					
Weight	[g]	157.35			
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	
	errors			LED, red	
	Function			LED, yellow	
Electrical connection					
Module connection		Flat cable			
Accessories					
Items supplied		lower part			
		Flat cable blank			
Accessories (optional)		Protective cap: M12, E73004			
Remarks					
Remarks		cULus - Class 2 source required			
		The module allows the distribution of the AS-i voltage.			
		Flat cable blank to cover the unused cable entry.			
		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.			
Pack quantity		1 pcs.			



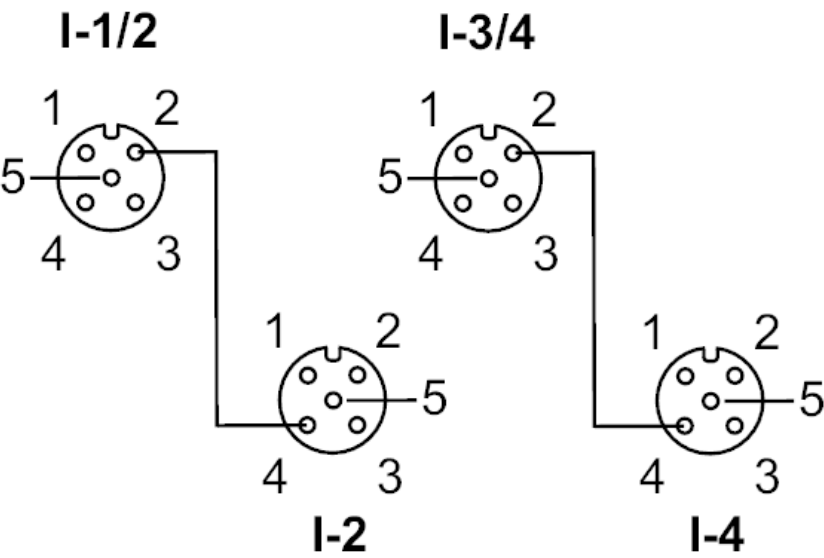
AS-Interface ClassicLine module with quick mounting technology

ClassicLine 4DI-Y 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