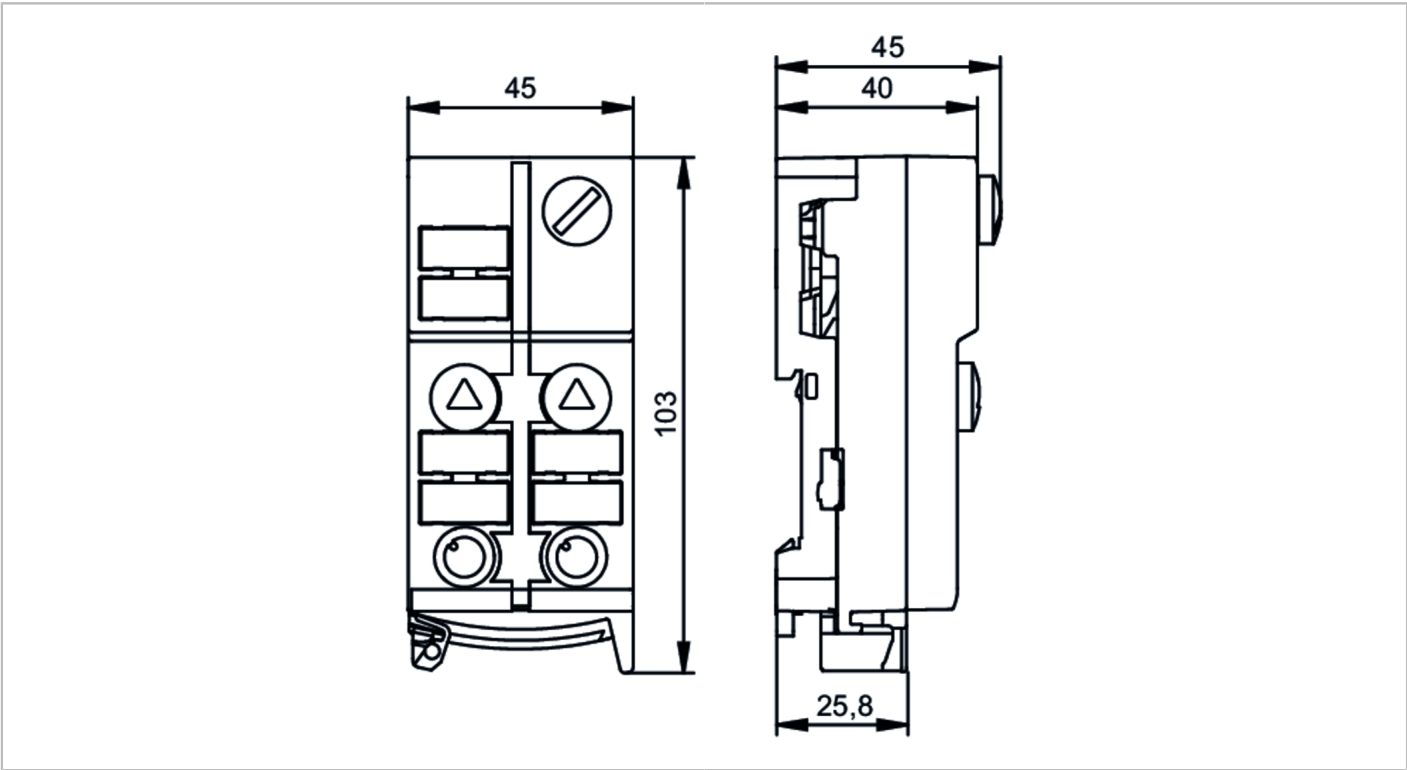




AS-Interface ClassicLine module with quick mounting technology

ClassicL 2DO-Y 2DI-Y 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]	250
Max. current load total	[A]	0.2
Integrated watchdog		yes
Inputs / outputs		
Number of inputs and outputs		Number of digital inputs: 2; Number of digital outputs: 2
Inputs		
Number of digital inputs		2
Input circuit of digital inputs		PNP
Sensor supply of the inputs		AS-i
Voltage supply	[V]	18...30
Max. total current rating of inputs	[mA]	200; (current load for all inputs and outputs: 200 mA)
Input current High	[mA]	6...10
Input current low	[mA]	0...2
Switching level high	[V]	> 11
Digital inputs protected against short circuits		yes

AC5224



AS-Interface ClassicLine module with quick mounting technology

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Outputs

Number of digital outputs	2
Circuit	PNP
Voltage range DC [V]	18...30
Max. current load per output [mA]	200; (current load for all inputs and outputs: 200 mA)
Short-circuit proof	yes
Electrically separated	no
Actuator supply outputs	AS-i

Operating conditions

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

Tests / approvals

EMC	EN 50295	
	IEC 61000-6-2	
MTTF [years]		318

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-B.A.E				
AS-i I/O configuration [hex]	B				
AS-i ID code [hex]	A.E				
Data bits	Data bit	D0	D1	D2	D3
	Input	-	-	3	4
	Socket	-	-	I-3/4	I-3/4 I-4
	Pin	-	-	4	2 4
	Output	1	2	-	-
	Socket	O-1/2	O-1/2 / O-2	-	-
	Pin	4	2 4	-	-

Mechanical data

Weight	[g]	155.95
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
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Accessories

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

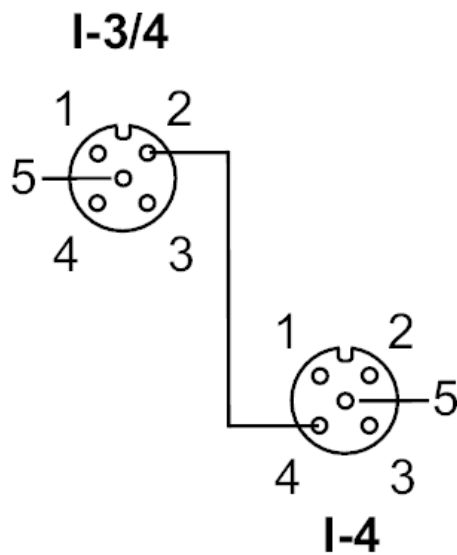
Pack quantity	1 pcs.
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Electrical connection

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

Electrical connection - Inputs

Connection



Connector: M12

	Inputs
	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

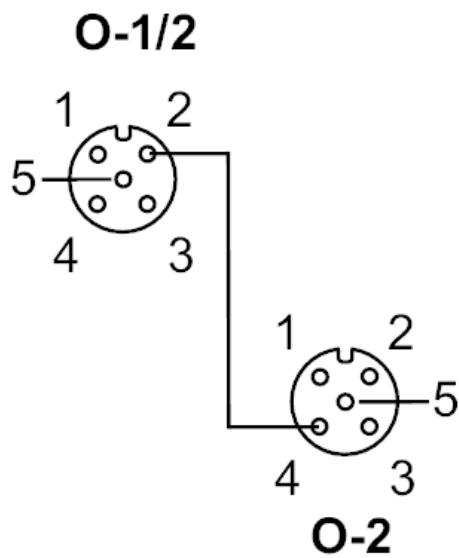


AS-Interface ClassicLine module with quick mounting technology

ClassicL 2DO-Y 2DI-Y IP67

Electrical connection - Outputs

Connection



Connector: M12

Outputs	
Socket O-1/2	
1	not used
2	Switching output 2
3	Voltage L -
4	Switching output 1
5	not used
Socket O-2	
1	not used
2	not used
3	Voltage L -
4	Switching output 2
5	not used