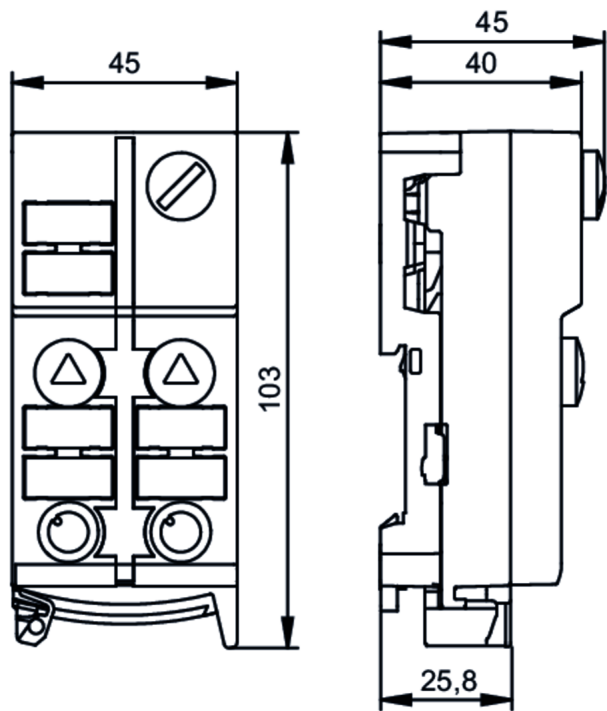


AC5234



AS-Interface ClassicLine module with quick mounting technology

ClassicL 2DO-Y 2DI-Y 2A 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]	150
Additional voltage supply [V]	15...30 DC; (AUX)
Max. current consumption from additional supply [mA]	4000
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; (via flat cable)
Max. total current rating of inputs [mA]	100
Input current High [mA]	6...10
Input current low [mA]	0...2
Switching level high [V]	> 11



AS-Interface ClassicLine module with quick mounting technology

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Digital inputs protected against short circuits	yes
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Outputs

Number of digital outputs	2
Circuit	PNP
Voltage range DC [V]	15...30; (to PELV; via flat cable)
Max. current load per output [mA]	2000; (utilization category DC-13 (control of electromagnets): 40 W (IEC 60947-5-1))
Max. current load outputs total [A]	4
Short-circuit proof	yes
Electrically separated	yes
Actuator supply outputs	AUX

Operating conditions

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

Tests / approvals

EMC	EN 50295	
	IEC 61000-6-2	

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]	187.5
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

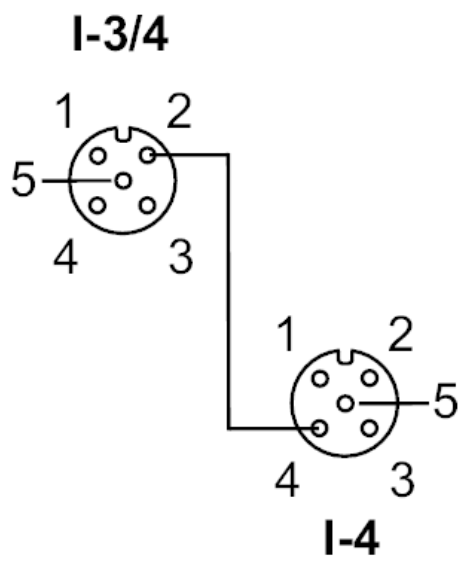
Module connection	Flat cable
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AS-Interface ClassicLine module with quick mounting technology

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Accessories	
Items supplied	lower part
Accessories (optional)	Protective cap: M12, E73004
Remarks	
Remarks	Inputs and outputs must be electrically isolated. Do not connect any of the following points to an external potential: L-, L+, I-3/4, I-4 The connections are electrically connected with the AS-i cable.
Pack quantity	1 pcs.
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

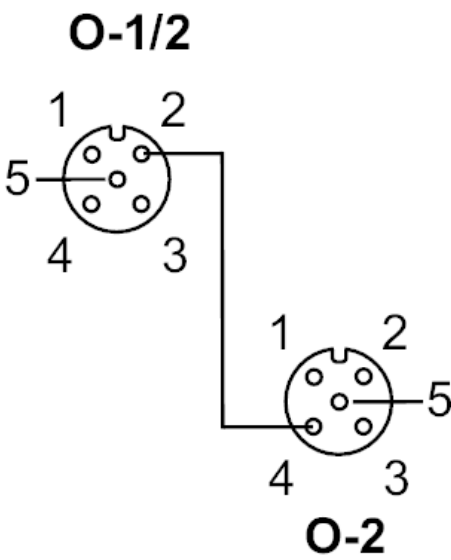


AS-Interface ClassicLine module with quick mounting technology

ClassicL 2DO-Y 2DI-Y 2A IP67

Electrical connection - Outputs

Connection



Connector: M12

Outputs	
Socket O-1/2	
1	not used
2	Switching output 2
3	External voltage AUX -
4	Switching output 1
5	not used
Socket O-2	
1	not used
2	not used
3	External voltage AUX -
4	Switching output 2
5	not used