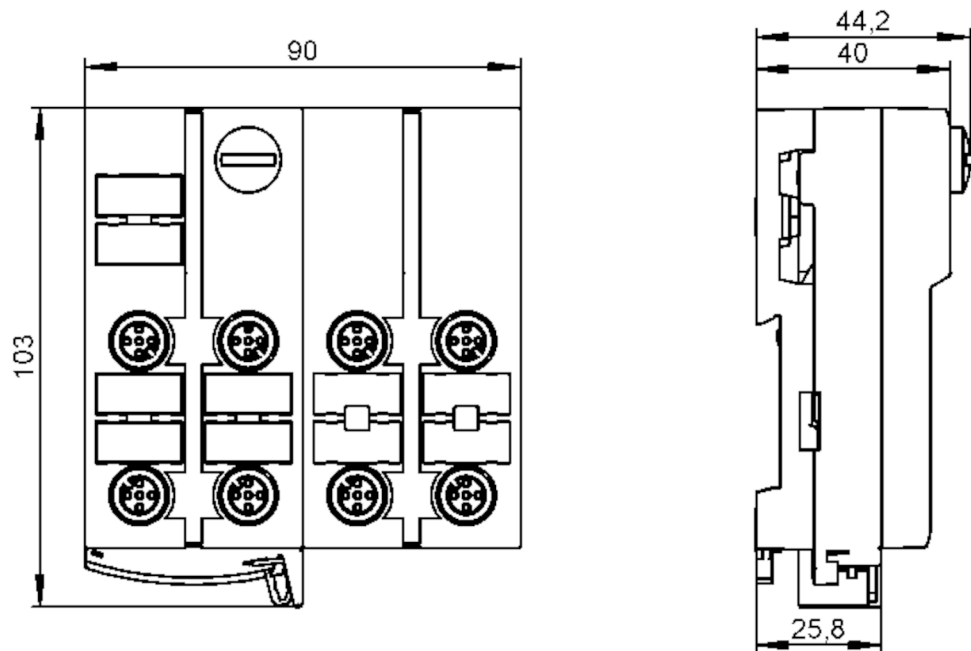


AC5204



AS-Interface ClassicLine module with quick mounting technology

ClassicLine 4DI 3DO-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
Additional voltage supply	[V]	15...30 DC; (AUX)
Max. current consumption from additional supply	[mA]	3000
Integrated watchdog		yes

Inputs / outputs

Number of inputs and outputs	Number of digital inputs: 4; Number of digital outputs: 3
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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



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	3
Circuit	PNP
Voltage range DC [V]	15...30; (to PELV; via flat cable)
Max. current load per output [mA]	1000; (utilization category DC-13 (control of electromagnets): 20 W (IEC 60947-5-1))
Max. current load outputs total [A]	3
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	
MTTF [years]	162	

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-7.A.E				
AS-i I/O configuration	[hex]	7			
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
	Output	1	2	3	-
	Socket	O-1/2	O-1/2 O-2	O-3	-
	Pin	4	2 4	4	-

Mechanical data

Weight [g]	274.1
Housing	rectangular
Type of mounting	AS-i flat cable connection; Mounting on DIN rail; (TH35 (EN 60715))
Dimensions [mm]	103 x 90 x 44.2
Material	PA; Piercing contacts: CuSn6 nickel-plated and tin-plated

Displays / operating elements

Display	Power	LED, green
	errors	LED, red
	Function	LED, yellow



AS-Interface ClassicLine module with quick mounting technology

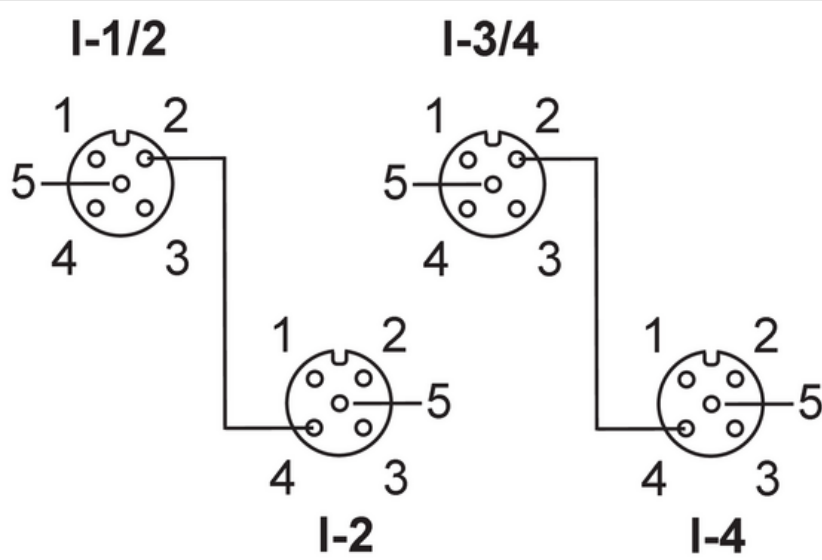
ClassicLine 4DI 3DO-Y IP67

Electrical connection	
Module connection	Flat cable
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:
	I-, I+, I1, I2, I3, I4
	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





AS-Interface ClassicLine module with quick mounting technology

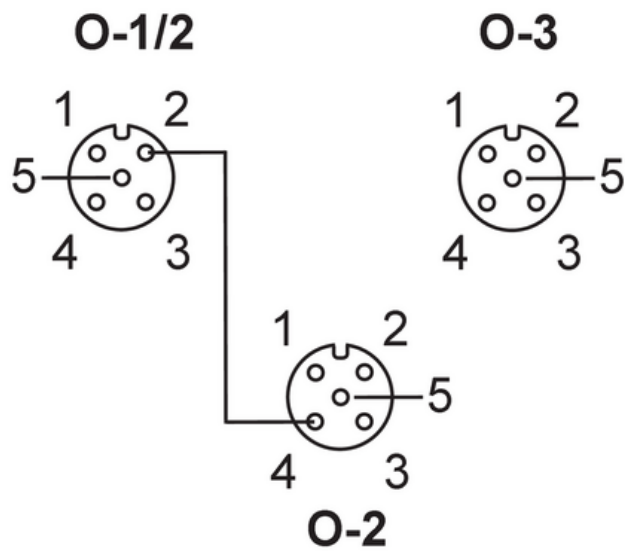
ClassicLine 4DI 3DO-Y IP67

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

Electrical connection - Outputs

Connection





AS-Interface ClassicLine module with quick mounting technology

ClassicLine 4DI 3DO-Y IP67

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