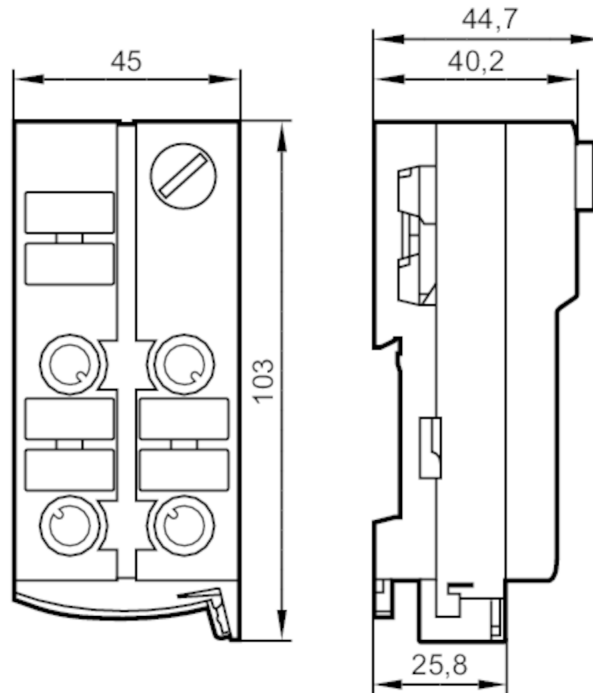


AC514A



AS-Interface ClassicLine module with quick mounting technology

ClassicL 2DO-Y 2DI-Y II 3D



Electrical data

Operating voltage	[V]	26.5...31.6 DC
Max. current consumption from AS-i	[mA]	150
Max. current load total	[A]	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
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
Min. switching level high signal [V]	11
Digital inputs protected against short circuits	yes
Sensor supply of the inputs	AS-i



AS-Interface ClassicLine module with quick mounting technology

ClassicL 2DO-Y 2DI-Y II 3D

Outputs						
Number of digital outputs		2				
Beschaltung		PNP				
Voltage range DC		15...30; (to PELV; via flat cable)				
Max. current load per output [mA]		1000; (utilisation category DC-13 (control of electromagnets): 20 W (IEC 60947-5-1))				
Short-circuit proof		yes				
Electrically separated		yes				
Operating conditions						
Ambient temperature [°C]		-10...50				
Protection		IP 50				
Tests / approvals						
ATEX marking		Ⓔ II 3D Ex tc IIIB T80°C Dc X IP50				
EMC		EN 50295				
		IEC 61000-6-2				
MTTF [years]		192				
AS-i classification						
AS-i version		2.11 + 3.0				
AS-i addressing		addressing socket				
Extended addressing mode possible		yes				
AS-i profile		S-B.A.E				
AS-i I/O configuration [hex]		B				
AS-i ID code [hex]		A.E				
AS-i certificate pending		yes				
Assignment of the 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]		234.8				
Type of mounting		AS-i flat cables directly connectable				
Materials		PA; piercing contacts: CuSn6 nickel-plated and tin-plated;				
Displays / operating elements						
Display		operation		LED, green		
		errors		LED, red		
		function		LED, yellow		
Accessories						
Accessories (supplied)		lower part				
Accessories (optional)		Protective cap: M12, E73004				
		Impact protection housing, E7000A				



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ClassicL 2DO-Y 2DI-Y II 3D

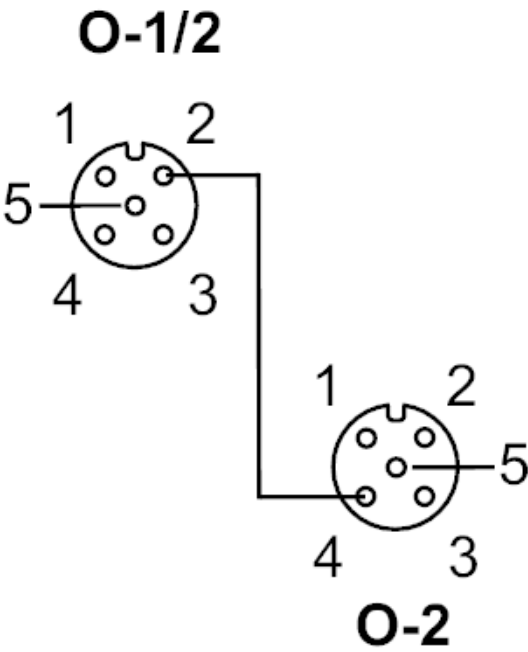
Remarks	
Remarks	Mechanical protection has to be implemented.
	Otherwise the unit must be installed together with the impact protection housing (E7000A).
	Do not connect any of the following points to an external potential:
	I-, I+, I-3/4, I-4
	The connections are electrically connected with the AS-i cable.
	Inputs and outputs must be electrically isolated.
Pack quantity	1 pcs.

Electrical connection

quick mounting technology for AS-i flat cable: ; three orientations possible

Electrical connection - Outputs

Connection





AS-Interface ClassicLine module with quick mounting technology

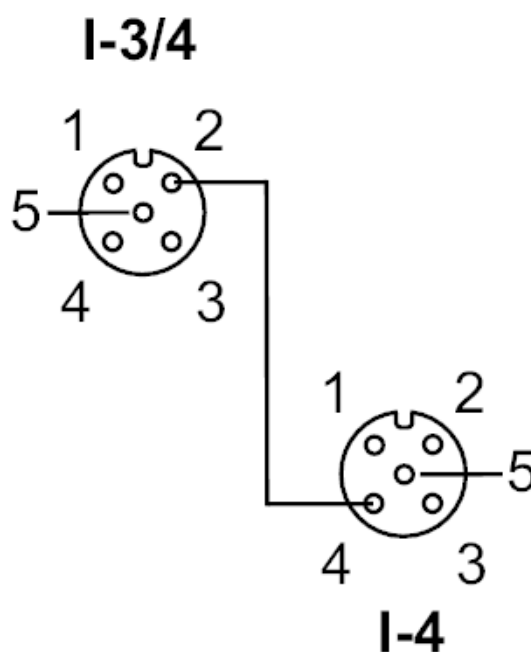
ClassicL 2DO-Y 2DI-Y II 3D

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

Connector: M12

Electrical connection - Inputs

Connection



AC514A



AS-Interface ClassicLine module with quick mounting technology

ClassicL 2DO-Y 2DI-Y II 3D

Inputs	
socket I-3/4	
1	Sensor supply L+
2	data input 4
3	voltage 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

Connector: M12