

AC515A



AS-Interface ClassicLine module with quick mounting technology

ClassicLine 4DI-Y II 3D



Application		
Application		AS-i ATEX module
Electrical data		
Operating voltage	[V]	26.5...31.6 DC
Max. current consumption from AS-i	[mA]	250
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
Подача напруги	[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
Operating conditions		
Ambient temperature	[°C]	-10...50
Protection		IP 50



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Tests / approvals					
ATEX marking		 II 3D Ex tc IIIB T80°C Dc X IP50			
EMC		EN 50295			
		IEC 61000-6-2			
MTTF		[ANN]		405	
AS-i classification					
AS-i version		2.11; 3.0			
AS-i addressing		addressing socket			
Розширений режим адресації		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	
AS-i certificate pending		yes			
Assignment of the data bits		data bit	D0	D1	D2
		input	1	2	3
		socket	I-1/2	I-1/2 I-2	I-3/4
		pin	4	2 4	4
					D3
					I-3/4 I-4
					2 4
Mechanical data					
Weight		[g]		230.5	
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	
Electrical connection					
Module connection		Приладдя			
Аксессуары					
Items supplied		lower part			
Accessories (optional)		Protective cap: M12, E73004			
		Impact protection housing:, E7000A			
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-1/2, I-2, I-3/4, I-4			
		The connections are electrically connected with the AS-i cable.			
Pack quantity		1 pcs.			

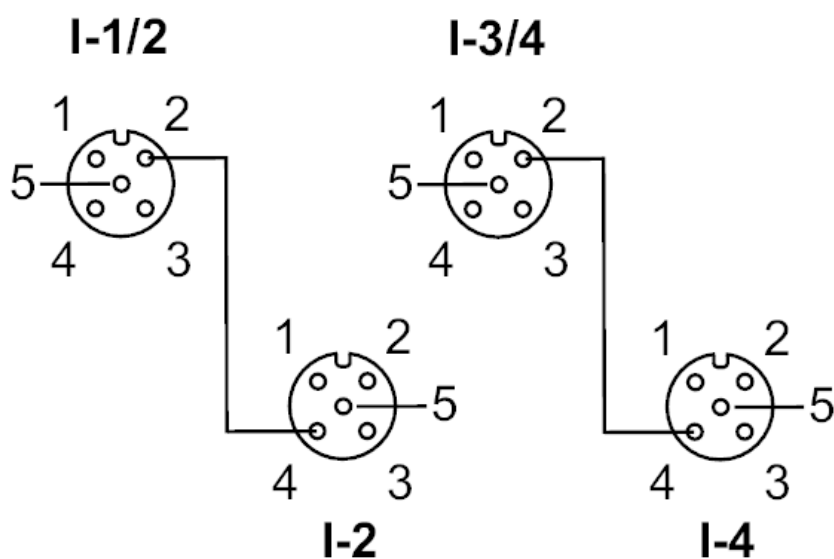
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Electrical connection

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

Connection



Connector: M12; coding: A





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Connection	
	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	подача напруги 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