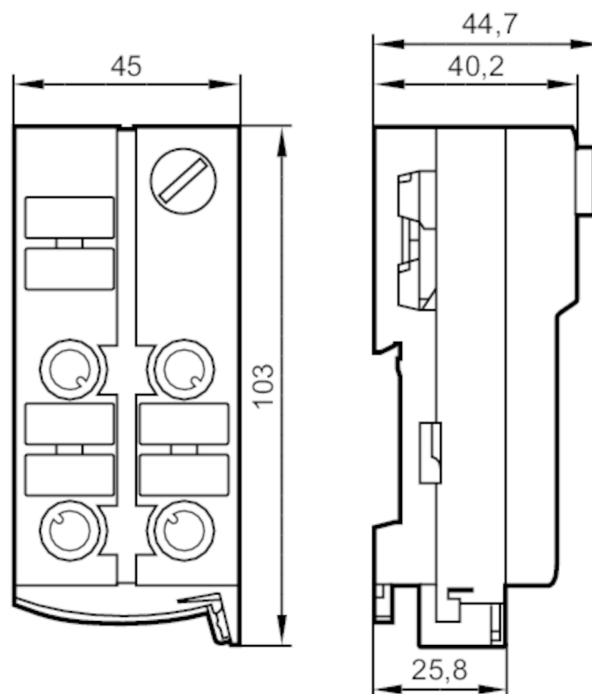


AC515A



AS-Interface ClassicLine module with quick mounting technology

ClassicLine 4DI-Y II 3D



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
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
Min. switching level high signal	[V]	11
Digital inputs protected against short circuits		yes
Sensor supply of the inputs		AS-i

Operating conditions

Ambient temperature	[°C]	-10...50
Protection		IP 50



AS-Interface ClassicLine module with quick mounting technology

ClassicLine 4DI-Y II 3D

Tests / approvals						
ATEX marking		 II 3D Ex tc IIIB T80°C Dc X IP50				
EMC		EN 50295				
		IEC 61000-6-2				
MTTF [years]		405				
AS-i classification						
AS-i version		2.11 + 3.0				
AS-i addressing		addressing socket				
Extended addressing mode possible		yes				
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	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
Mechanical data						
Weight [g]		201.6				
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				
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.				

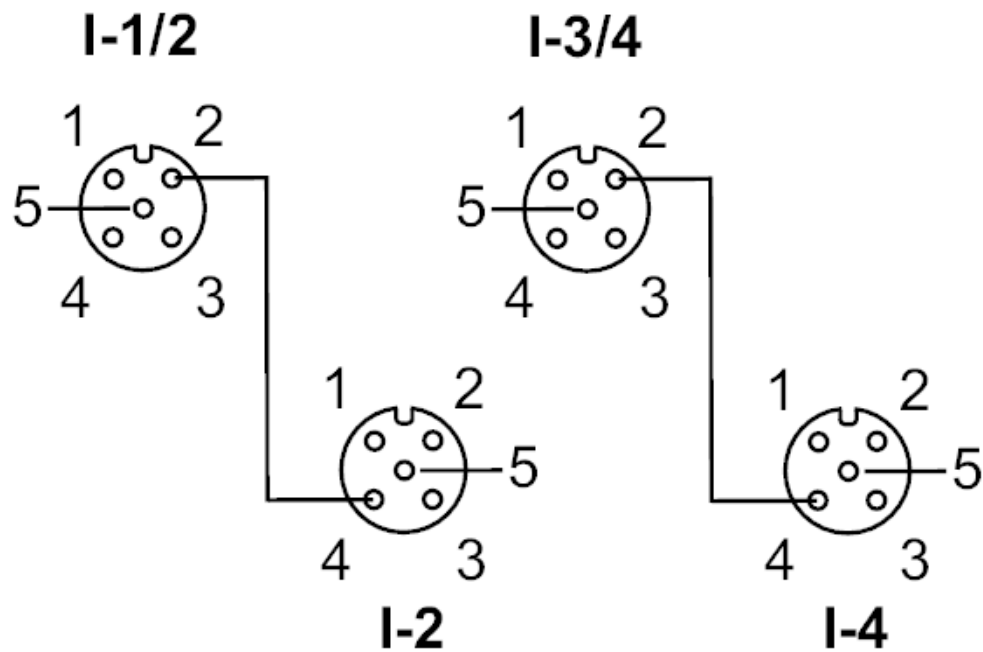
AS-Interface ClassicLine module with quick mounting technology

ClassicLine 4DI-Y II 3D

Electrical connection

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

Connection





AS-Interface ClassicLine module with quick mounting technology

ClassicLine 4DI-Y II 3D

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

Connector: M12