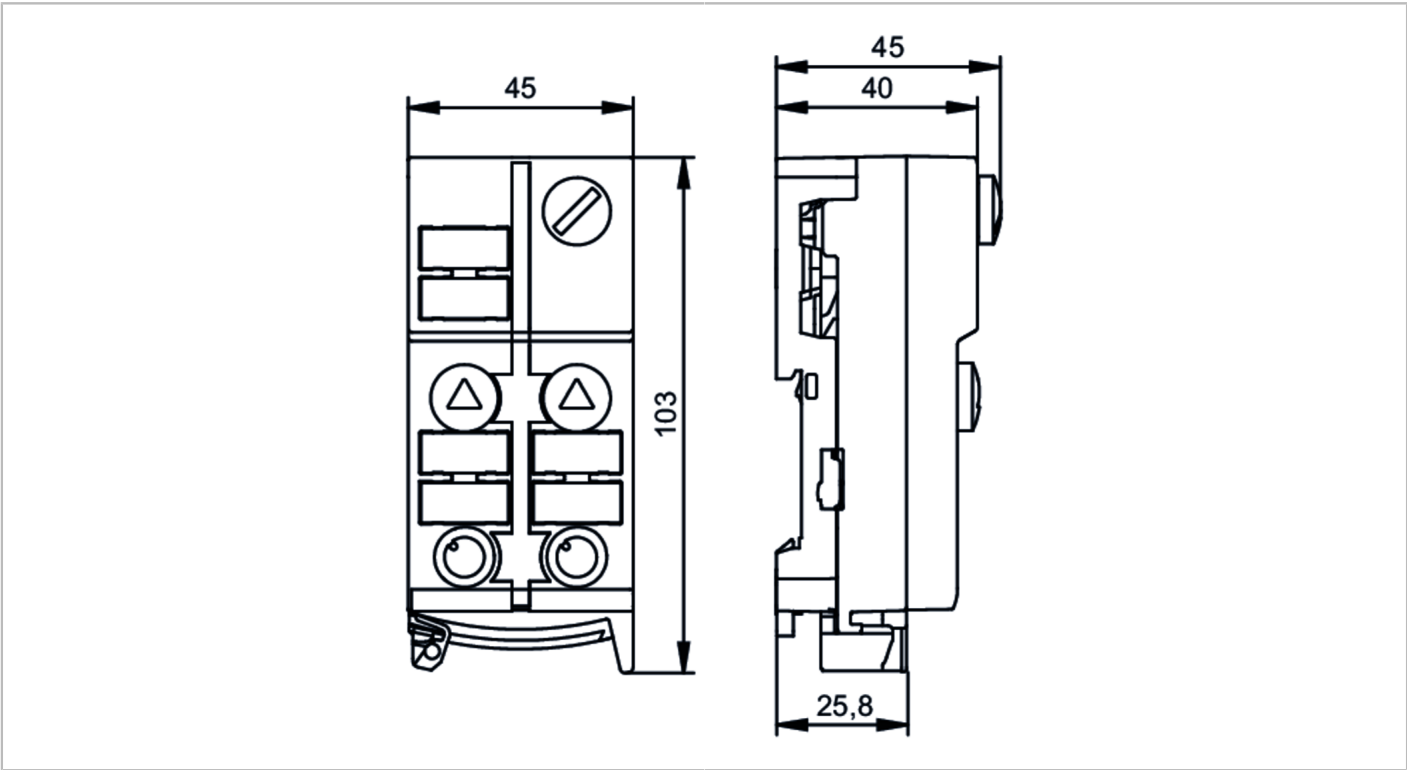


AC505A



AS-Interface ClassicLine module with quick mounting technology

ClassicLine 4DI II 3D



Application		
Design		housing for DIN rail mounting
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
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
Digital inputs protected against short circuits		yes
Operating conditions		
Ambient temperature	[°C]	-10...50



AS-Interface ClassicLine module with quick mounting technology

ClassicLine 4DI II 3D

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]	404			
AS-i classification					
AS-i version	2.11; 3.0				
AS-i addressing	Addressing socket				
Extended addressing mode	no				
AS-i master profile	M2; M3; M4				
AS-i profile	S-0.0.E				
AS-i I/O configuration	[hex]	0			
AS-i ID code	[hex]	0.E			
AS-i certificate pending	yes				
Data bits	Data bit	D0	D1	D2	D3
	Input	1	2	3	4
	Socket	I-1	I-2	I-3	I-4
	Pin	2+4	2+4	2+4	2+4
Mechanical data					
Weight	[g]	227.5			
Housing	rectangular				
Type of 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				
Accessories					
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+, I1, I2, I3, I4				
	The connections are electrically connected with the AS-i cable.				
Pack quantity	1 pcs.				

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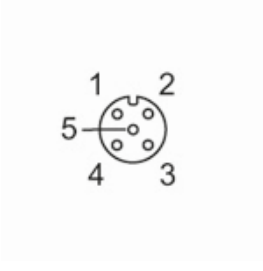
AS-Interface ClassicLine module with quick mounting technology

ClassicLine 4DI II 3D

Electrical connection

quick mounting technology for AS-i flat cable: ; three selectable directions

Connector: 4 x M12; coding: A



	Inputs
1	Sensor supply L+
2+4	Data input internally bridged
3	Sensor supply L-
5	not used