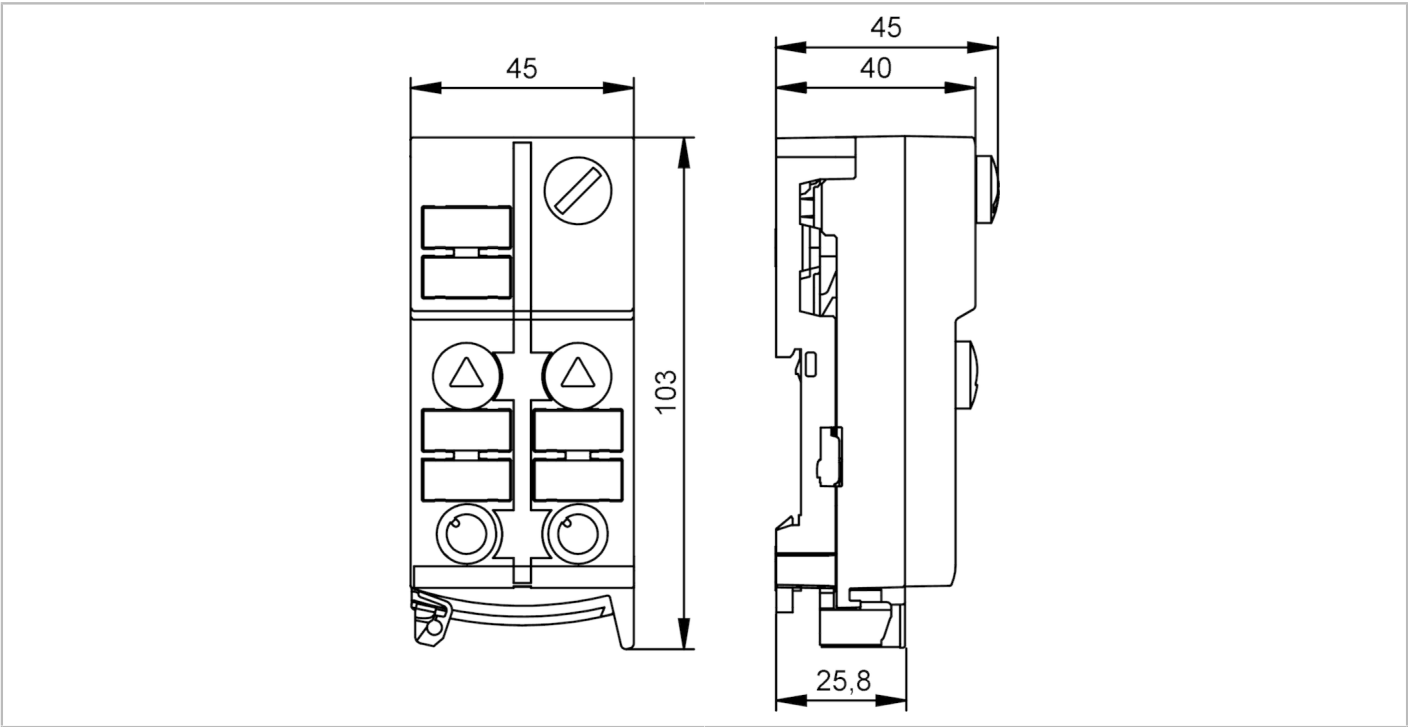


AC505A



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
Protection		IP 50



AS-Interface ClassicLine module with quick mounting technology

ClassicLine 4DI 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]		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.				

AC505A



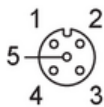
AS-Interface ClassicLine module with quick mounting technology

ClassicLine 4DI II 3D

Electrical connection

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

Connector: 4 x M12; coding: A; Contacts: 4



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