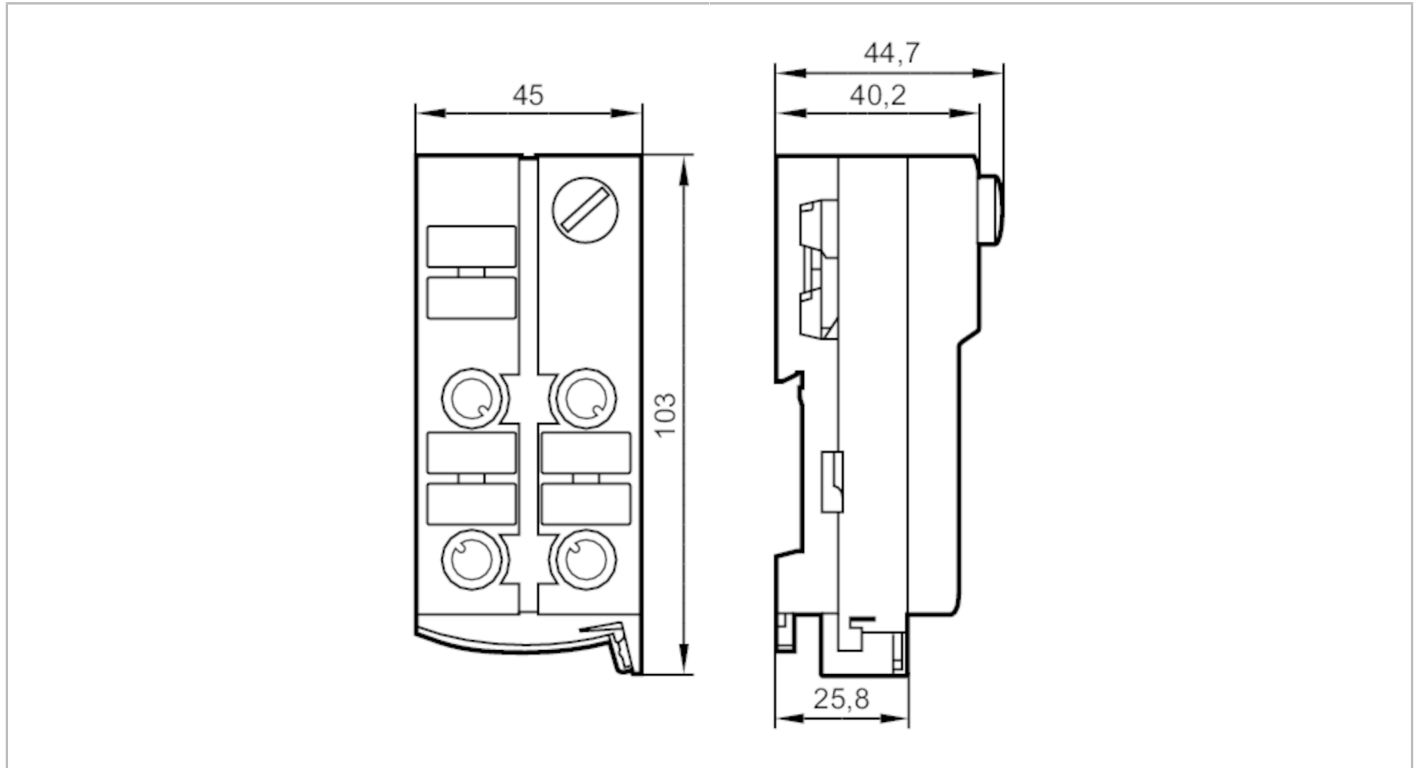


AC505A



AS-Interface ClassicLine module with quick mounting technology

ClassicLine 4DI 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
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

AC505A



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	<table border="1"><thead><tr><th>Data bit</th><th>D0</th><th>D1</th><th>D2</th><th>D3</th></tr></thead><tbody><tr><td>Input</td><td>1</td><td>2</td><td>3</td><td>4</td></tr><tr><td>Socket</td><td>I-1</td><td>I-2</td><td>I-3</td><td>I-4</td></tr><tr><td>Pin</td><td>2+4</td><td>2+4</td><td>2+4</td><td>2+4</td></tr></tbody></table>	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
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																				
Type of mounting	AS-i flat cable connection																				
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



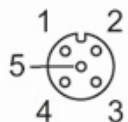
AS-Interface ClassicLine module with quick mounting technology

ClassicLine 4DI II 3D

Electrical connection

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

Connector: 4 x M12; coding: A



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