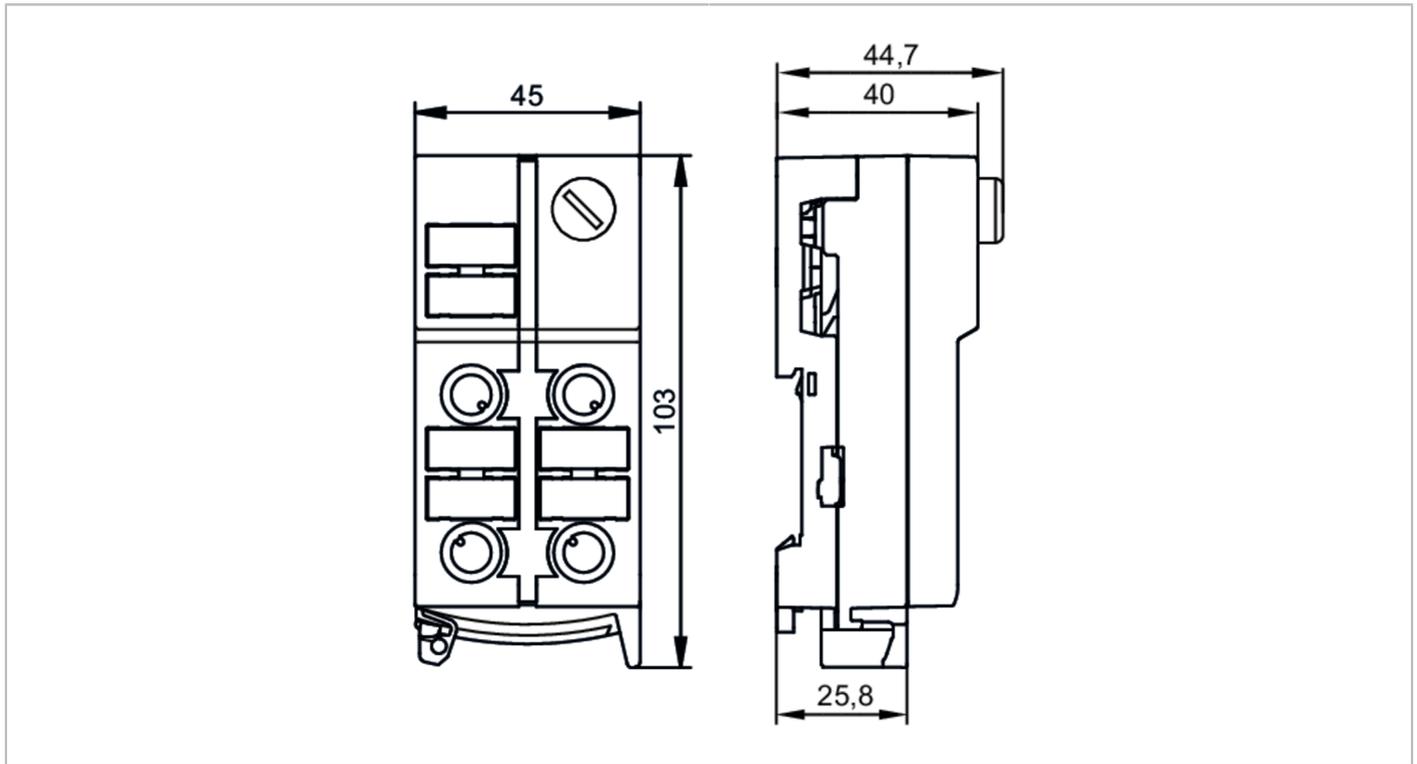


AC5295



AS-Interface ClassicLine module with quick mounting technology

ClassicLine 4DI-Y NPN IP67



Application	
Application	field installation
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	NPN
Sensor supply of the inputs	AS-i
Power supply [V]	18...27; (via flat cable)
Max. total current rating of inputs [mA]	200
Input current High [mA]	> 6
Input current Low [mA]	< 2
Switching level high [V]	> 11
Digital inputs protected against short circuits	yes
Operating conditions	
Ambient temperature [°C]	-25...50
Protection	IP 67



AS-Interface ClassicLine module with quick mounting technology

ClassicLine 4DI-Y NPN IP67

Tests / approvals																					
EMC	EN 50295 IEC 61000-6-2																				
MTTF [years]	378																				
AS-i classification																					
AS-i version	2.11; 3.0																				
AS-i addressing	addressing socket																				
Extended addressing mode	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																				
Assignment of the 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-1/2</td> <td>I-1/2 I-2</td> <td>I-3/4</td> <td>I-3/4 I-4</td> </tr> <tr> <td>pin</td> <td>4</td> <td>2 4</td> <td>4</td> <td>2 4</td> </tr> </tbody> </table>	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
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]	168																				
Housing	housing for DIN rail mounting																				
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	Flat cables																				
Accessories																					
Items supplied	lower part																				
Accessories (optional)	Protective cap: M12, E73004																				
Remarks																					
Remarks	<p>Do not connect any of the following points to an external potential:</p> <p>I-, I+, I-1/2, I-2, I-3/4, I-4</p> <p>The connections are electrically connected with the AS-i cable.</p> <p>operating voltage "supply class 2" according to cULus</p>																				
Pack quantity	1 pcs.																				



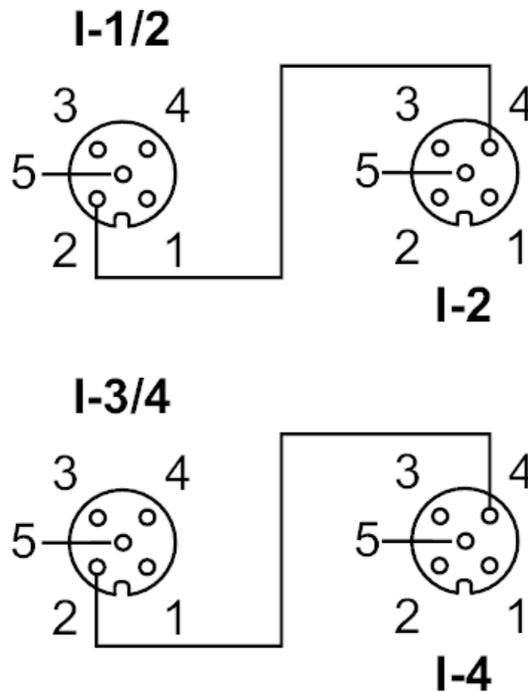
AS-Interface ClassicLine module with quick mounting technology

ClassicLine 4DI-Y NPN IP67

Electrical connection

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

Connection



Connector: M12

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	power 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