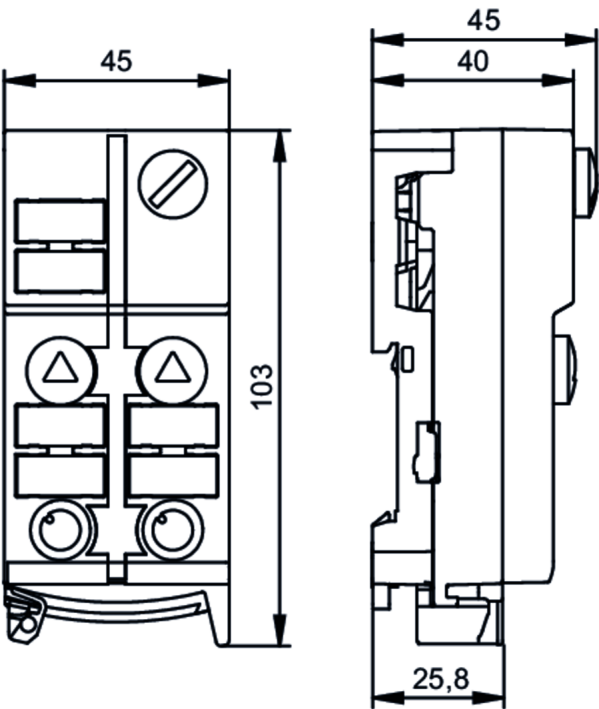


AC5295



AS-Interface ClassicLine module with quick mounting technology

ClassicLine 4DI-Y NPN IP67



Application	
Design	housing for DIN rail mounting
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
Voltage 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



AS-Interface ClassicLine module with quick mounting technology

ClassicLine 4DI-Y NPN IP67

Protection		IP 67				
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				
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]		168				
Housing		rectangular				
Type of mounting		quick 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				
Remarks						
Remarks		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.				
		cULus - Class 2 source required				
Pack quantity		1 pcs.				



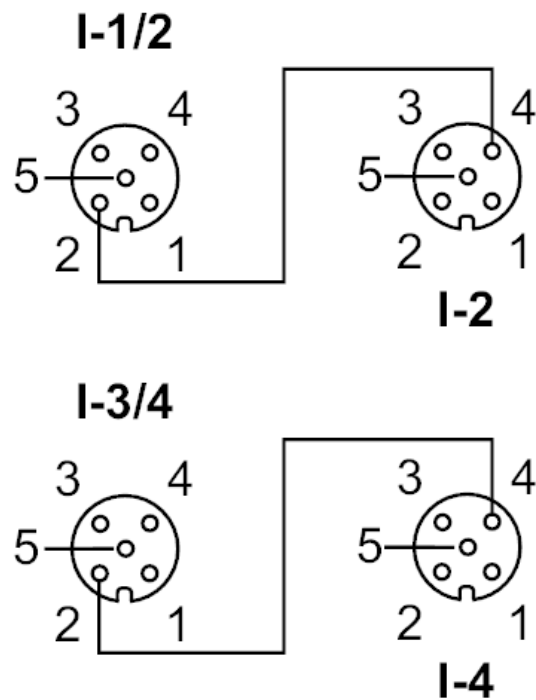
AS-Interface ClassicLine module with quick mounting technology

ClassicLine 4DI-Y NPN IP67

Electrical connection

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

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	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