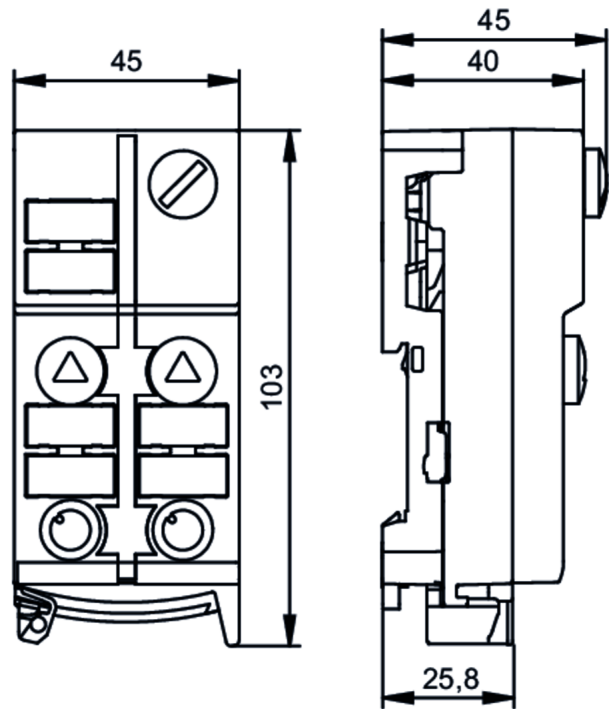


AC505S



Safe AS-Interface ClassicLine module with quick mounting technology

ClassicLine 2SI 2LO



Application	
Design	housing for DIN rail mounting
Application	AS-i Safety at Work
Electrical data	
Operating voltage [V]	26.5...31.6 DC; (cULus - Class 2 source required)
Max. current consumption from AS-i [mA]	280
Integrated watchdog	yes
Inputs / outputs	
Number of inputs and outputs	Number of digital inputs: 2
Inputs	
Number of digital inputs	2; (2 x safety input)
Input circuit of digital inputs	PNP/NPN
Sensor supply of the inputs	AS-i
Voltage supply [V]	18...30
Max. total current rating of inputs [mA]	200
Input current High [mA]	12
Input current low [mA]	12
Short-circuit detection	yes
Cross-fault monitoring	yes
Short-circuit proof	yes



Safe AS-Interface ClassicLine module with quick mounting technology

ClassicLine 2SI 2LO

Outputs		
Output signal	LED: signalling	
Actuator supply outputs	AS-i	
Operating conditions		
Ambient temperature	[°C]	-25...55
Max. height above sea level	[m]	2000
Protection		IP 67
Degree of soiling		2
Tests / approvals		
EMC	EN 62026-2	
Safety classification		
Complies with the requirements	ISO 13849-1 Category 4, PL e	
	IEC 61508 SIL 3	
Mission time TM (additional indication)	20 years	
PFH	[1/h]	1,3E-11
AS-i classification		
AS-i version	2.11; 3.0	
AS-i addressing	Addressing socket	
Extended addressing mode	no	
AS-i master profile	M3; M4	
AS-i profile	S-7.B.0	
AS-i I/O configuration	[hex]	7
AS-i ID code	[hex]	B.0
AS-i certificate	97101	
Mechanical data		
Weight	[g]	289.8
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	housing: PA; Piercing contacts: CuSn6 nickel-plated and tin-plated	
Displays / operating elements		
Display	Power	1 x LED, green
	errors	1 x LED, red
	Switching status	1 x LED, yellow
	alarm	1 x LED, red
Electrical connection		
Module connection	Flat cable	
Accessories		
Items supplied	lower part	
Accessories (optional)	Addressing cable:, E70213	
	Protective cap: M12, E73004	
Remarks		
Remarks	PL e, cat. 4, SIL 3 only if the fault exclusions described in the manual are used	



Safe AS-Interface ClassicLine module with quick mounting technology

ClassicLine 2SI 2LO

Pack quantity

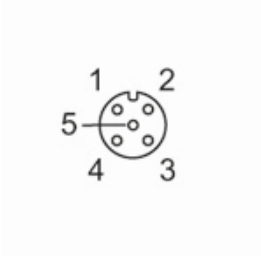
1 pcs.

Electrical connection

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

Electrical connection - Socket SI-1/2

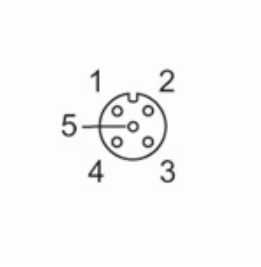
Connector: 1 x M12; coding: A; Maximum cable length: 10 m



1 (I+)	L+	
2 (IN1 (p))	IN	DI (I-1 (p))
3 (I-)	L-	
4 (IN2 (n))	IN	DI (I-2(n); internally bridged Socket SI-2 Pin 1)
5	n.c.	

Electrical connection - Socket SI-2

Connector: 1 x M12; coding: A; Maximum cable length: 10 m



1 (IN2 (n))	IN	DI (I-2(n); internally bridged Socket SI-1/2 Pin 4)
2 (I-)	L-	
3	n.c.	
4 (I+)	L+	
5	n.c.	

DI: digital input; IN: Input; n.c.: not used