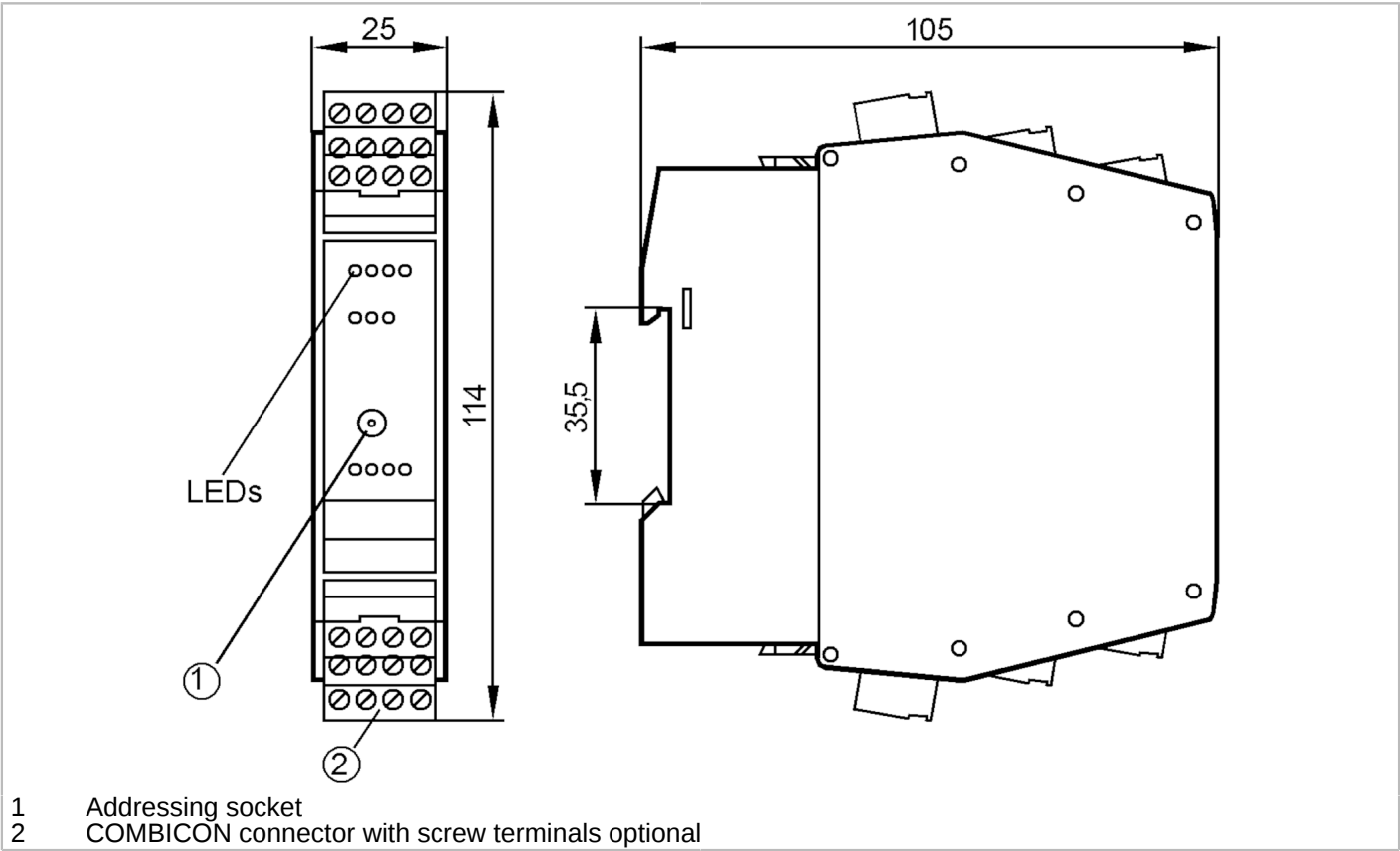


AC2261



AS-Interface control cabinet module

SmartLine25 4DI 4DO A/B T C



- 1 Addressing socket
2 COMBICON connector with screw terminals optional



Application

Design	Only for operation with AS-i masters with the profile M4
Application	I/O modules for control cabinet installations

Electrical data

Operating voltage	[V]	26.5...31.6 DC
Max. current consumption from AS-i	[mA]	250
Additional voltage supply	[V]	20...30 DC
Max. current consumption from additional supply	[mA]	4000; (AUX)
Integrated watchdog		yes

Inputs / outputs

Number of inputs and outputs	Number of digital inputs: 4; Number of digital outputs: 4
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AS-Interface control cabinet module

SmartLine25 4DI 4DO A/B T C

Inputs		
Number of digital inputs	4	
Input circuit of digital inputs	PNP; (type 2 according to IEC 61131-2)	
Sensor supply of the inputs	AS-i	
Voltage supply [V]	18...30; (DC)	
Max. total current rating of inputs [mA]	200	
Input current High [mA]	6...10	
Input current low [mA]	0...2	
Min. switching level high signal [V]	11	
Digital inputs protected against short circuits	yes	
Outputs		
Number of digital outputs	4	
Circuit	PNP	
Voltage range DC [V]	20...30; (AUX)	
Max. current load per output [mA]	1000; (utilization category DC-12: 700 mA; utilization category DC-13 (control of electromagnets): 20 W (IEC 60947-5-1))	
Max. current load outputs total [A]	4	
Short-circuit proof	yes	
Electrically separated	yes	
Actuator supply outputs	AUX	
Operating conditions		
Ambient temperature [°C]	-25...70	
Max. relative air humidity [%]	90; (non condensing)	
Max. height above sea level [m]	2000	
Protection	IP 20	
Degree of soiling	2	
Tests / approvals		
EMC	EN 61000-6-2	
	EN 62026-2	
	EN 50581	
MTTF [years]	235	
Notes	The device shall be supplied from an isolating source.; This voltage source must have a secondary UL-listed fuse (see enclosed sheet).; Alternatively, a class 2 power supply can be used to supply AUX.	



AS-Interface control cabinet module

SmartLine25 4DI 4DO A/B T C

AS-i classification				
AS-i version	3.0			
AS-i addressing	Addressing socket			
Extended addressing mode	yes			
AS-i profile	S-7.A.7			
AS-i I/O configuration [hex]	7			
AS-i ID code [hex]	A.7			
AS-i certificate	60702			
Data bits	Data bit	D0	D1	D2
	Input	I-1	I-2	I-3
	Output	O-1	O-2	O-3

Mechanical data	
Weight [g]	150
Type of mounting	Mounting on DIN rail
Material	PA

Displays / operating elements		
Display	Switching status	LED, yellow I1...I4, O1....O4
	Power	LED, green AS-i, AUX
	errors	LED, red

Accessories	
Accessories (optional)	connector

Remarks	
Remarks	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.

Electrical connection	
pin header:	

Connection

I-	I-	I-	I-
I1	I2	I3	I4
I+	I+	I+	I+

O-	O-	O-	O-
O1	O2	O3	O4
A+	A-	E+	E-

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AS-Interface control cabinet module

SmartLine25 4DI 4DO A/B T C

A+	AS-i +
A-	AS-i -
I+	Sensor supply +24V
I-	Sensor supply 0V
E+	Actuator supply +24V
E-	Actuator supply 0V
I1...I4	Switching input sensor 1...4
O1...O4	Switching output actuator 1...4
O-	Switching output actuator 0V