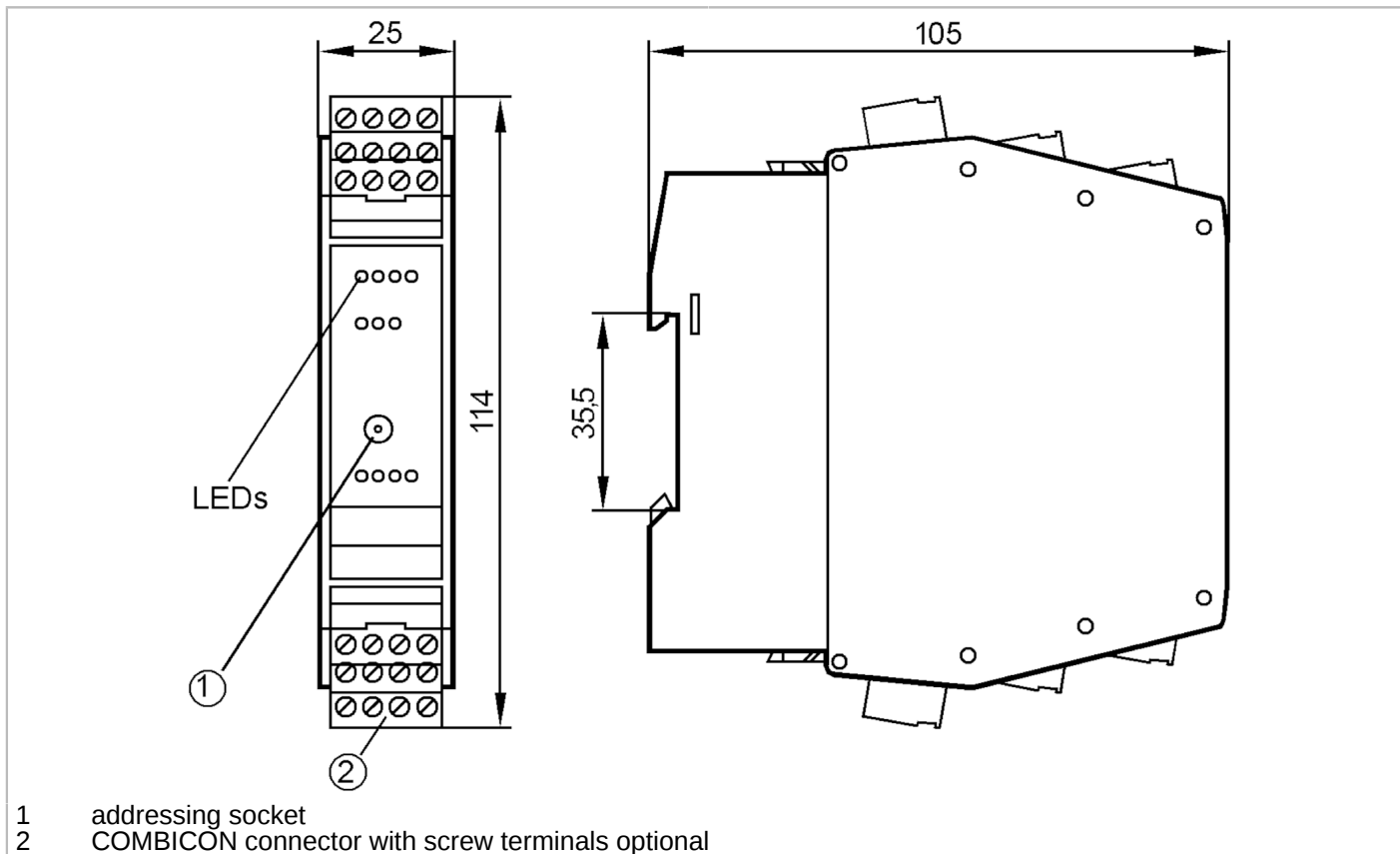


AC2261



AS-Interface control cabinet module

SmartLine25 4DI 4DO A/B T C



Application	
Application	only for operation with AS-i masters with the profile M4
Electrical data	
Operating voltage [V]	26.5...31.6 DC
Max. current consumption from AS-i [mA]	250
Max. current load total [A]	4; (> 50 °C: 2000 mA)
Integrated watchdog	yes
Inputs / outputs	
Number of inputs and outputs	Number of digital inputs: 4; Number of digital outputs: 4



AS-Interface control cabinet module

SmartLine25 4DI 4DO A/B T C

Inputs					
Number of digital inputs				4	
Input circuit of digital inputs				PNP	
Sensor supply of the inputs				AS-i	
Voltage supply	[V]			18...30	
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; (external (E+/E-), to PELV)	
Max. current load per output	[mA]			1000; (utilisation category DC-12: 700 mA; utilisation category DC-13 (control of electromagnets): 20 W (IEC 60947-5-1))	
Short-circuit proof				yes	
Electrically separated				yes	
Operating conditions					
Ambient temperature	[°C]			-25...70	
Protection				IP 20	
Tests / approvals					
EMC				EN 50295	
AS-i classification					
AS-i version				3.0	
AS-i addressing				addressing socket	
Extended addressing mode possible				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	
Assignment of the data bits	data bit	D0	D1	D2	D3
	input	I-1	I-2	I-3	I-4
	Output	O-1	O-2	O-3	O-4
Mechanical data					
Weight	[g]			150	
Type of mounting				mounting on DIN rail; string mounting possible	
Materials				PA	
Displays / operating elements					
Display	switching status			LED, yellow	
	operation			LED, green	
	errors			LED, red	

AC2261



AS-Interface control cabinet module

SmartLine25 4DI 4DO A/B T C

Accessories	
Accessories (optional)	COMBICON connectors
Remarks	
Remarks	Do not connect any of the following points to an external potential: I-, I+, I1, I2, I3, I4
Pack quantity	1 pcs.

Electrical connection

COMBICON:

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-

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