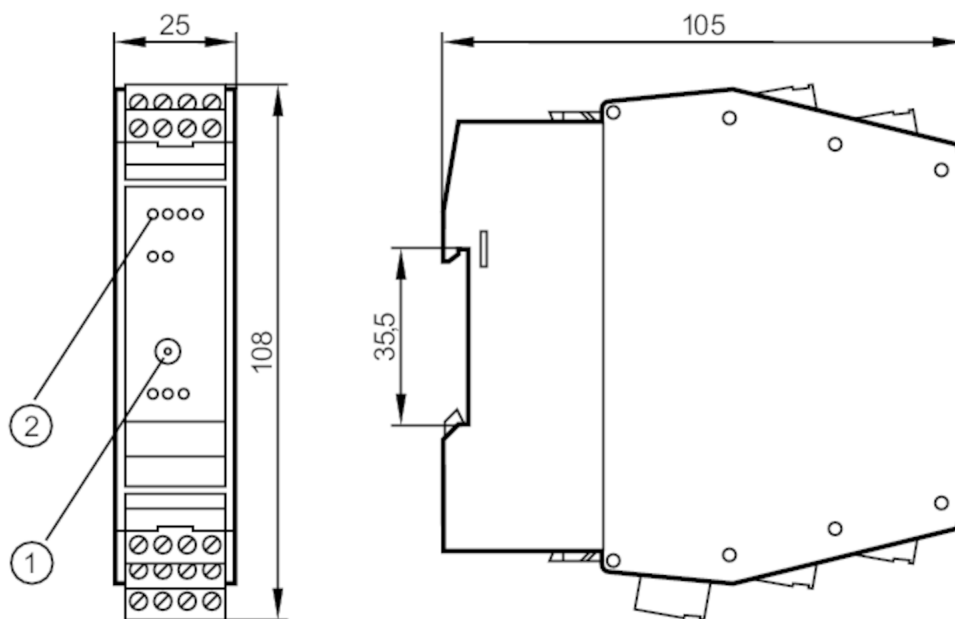


AS-Interface control cabinet module

SmartLine25 4DI 4DO T C AUX



- 1 addressing socket
2 LED



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]	50
Max. current load total	[A]	4; (> 50 °C: 2000 mA)
Integrated watchdog		yes

Inputs

Number of digital inputs		4
Input circuit of digital inputs		PNP
voltage supply	[V]	16...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
Sensor supply of the inputs		external (E+/E-), to PELV



AS-Interface control cabinet module

SmartLine25 4DI 4DO T C AUX

Outputs						
Number of digital outputs		4				
Beschaltung		PNP				
Voltage range DC		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				
Note on ambient temperature		cRUus: -25...60 °C				
Protection		IP 20				
Tests / approvals						
EMC		EN 50295				
		EN 50178				
MTTF [years]		186				
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 pending		yes				
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]		137				
Type of mounting		mounting on DIN rail; string mounting possible				
Dimensions [mm]		108 x 25 x 105				
Materials		PA				
Displays / operating elements						
Display		switching status		LED, yellow		
		operation		LED, green		
		errors		LED, red		
Accessories						
Accessories (optional)		COMBICON connectors				
Remarks						
Pack quantity		1 pcs.				



AS-Interface control cabinet module

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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+	external voltage supply for sensors/actuators
E-	external voltage supply for sensors/actuators
I1...I4	switching input sensor 1...4
O-	switching output actuator 0V
O1...O4	switching output actuator 1...4