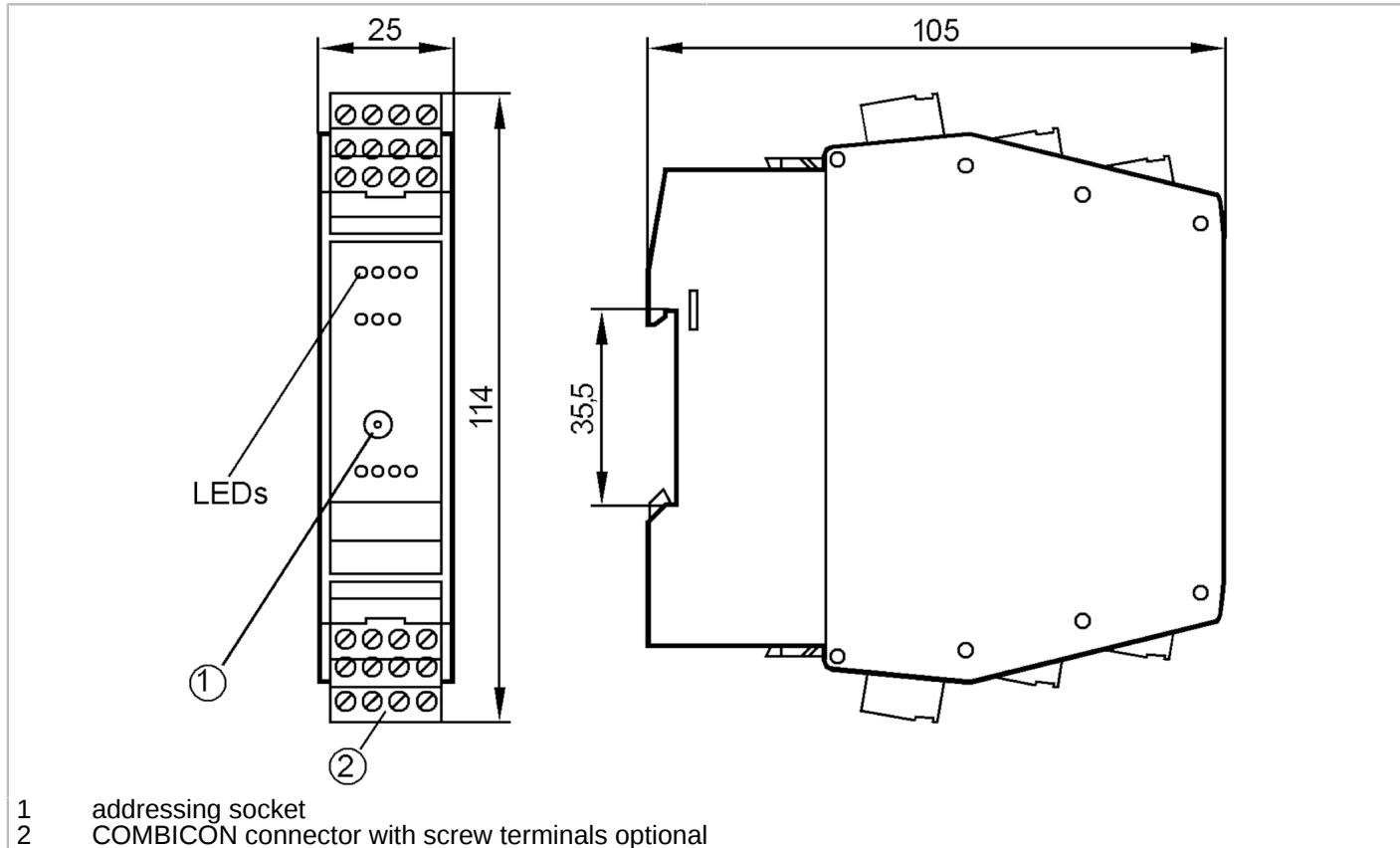# AC2266

AS-Interface control cabinet module

SmartLine25 4DI 3DO T C AUX

1   addressing socket
2   COMBICON connector with screw terminals optional

Electrical data		
Operating voltage	[V]	26.5...31.6 DC
Max. current consumption from AS-i	[mA]	50
Max. current load total	[A]	3; (> 50 °C: 2000 mA)
Integrated watchdog		yes
Inputs / outputs		
Number of inputs and outputs		Number of digital inputs: 4; Number of digital outputs: 3
Inputs		
Number of digital inputs		4
Input circuit of digital inputs		PNP
Sensor supply of the inputs		external (E+/E-), to PELV
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

AC2266

AS-Interface control cabinet module

SmartLine25 4DI 3DO T C AUX

Outputs	
Number of digital outputs	3
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]	-20...70
Note on ambient temperature	cRUus: -25...60 °C
Protection	IP 20

Tests / approvals	
EMC	EN 50295
MTTF [years]	187

AS-i classification				
AS-i version	3.0			
AS-i addressing	addressing socket			
Extended addressing mode possible	yes			
AS-i profile	S-7.A.E			
AS-i I/O configuration [hex]	7			
AS-i ID code [hex]	A.E			
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	-

Mechanical data	
Weight [g]	139
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

Accessories	
Accessories (optional)	COMBICON connectors

Remarks	
Pack quantity	1 pcs.

AC2266

AS-Interface control cabinet module

SmartLine25 4DI 3DO T C AUX

Electrical connection

COMBICON:

Connection

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

O-	O-	O-	O-
O1	O2	O3	
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
O1...O3	switching output actuator 1...3
O-	switching output actuator 0V