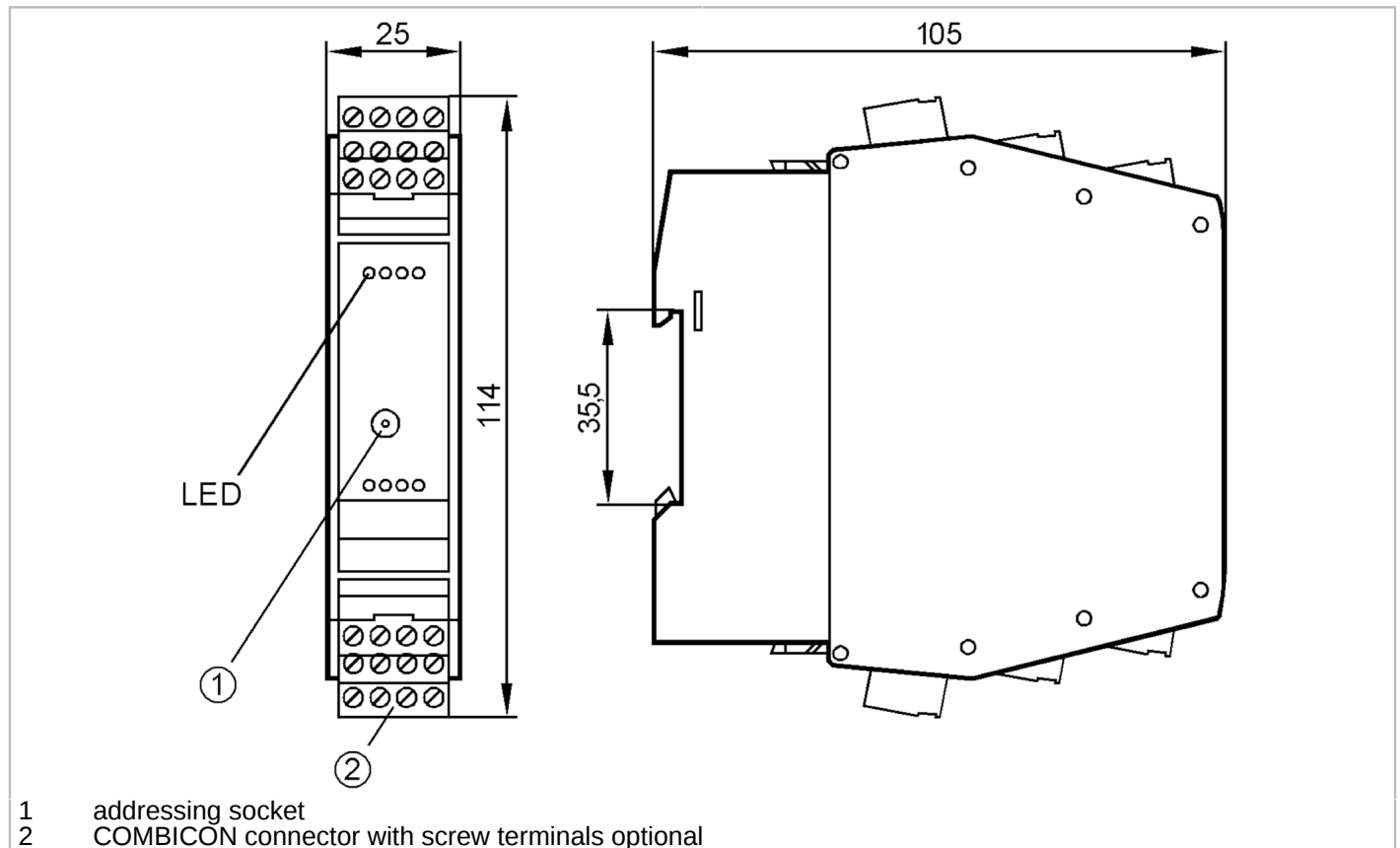


AS-Interface control cabinet module

SmartLine25 4AO (V) C IP20



Electrical data

Operating voltage	[V]	26.5...31.6 DC; ("supply class 2" to cULus)
Current consumption	[mA]	12...57; (external supply)
Max. current consumption from AS-i	[mA]	57; (with external supply: 25 mA)
Reverse polarity protection		yes
Max. current load total	[A]	0.5; (with external supply; with external supply: 100 mA)
Additional voltage supply	[V]	24 DC; (to PELV)

Inputs / outputs

Number of inputs and outputs	Number of analogue outputs: 4
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Outputs

Number of analogue outputs	4; (Anschluss von 2-Draht-Aktuatoren oder 4-Draht-Aktuatoren mit separater 24 V-Versorgung)
Max. load	[Ω] 600
Analogue voltage output	[V] 0...10
Min. load resistance	[Ω] 1000
Overload protection	yes
Resolution of analogue output	16 (1 bit = 1 μV)
Actuator supply analogue outputs	AS-i/external



AS-Interface control cabinet module

SmartLine25 4AO (V) C IP20

Operating conditions								
Ambient temperature	[°C]	0...70						
Storage temperature	[°C]	-20...85						
Protection		IP 20						
Tests / approvals								
EMC		EN 50295						
MTTF		[years]		140				
AS-i classification								
AS-i profile		S-7.3.6						
AS-i I/O configuration		[hex]		7				
AS-i ID code		[hex]		3.6				
AS-i certificate pending		yes						
Assignment of the parameter bits		parameter bit	Designation					
		P0	not used	/ 1	reserved	/ 0	reserved	
		P1	not used	/ 1	reserved	/ 0	reserved	
		P2	peripheral fault indication	: 1	activated	/ 0	deactivated	
		P3	not used	/ 1	reserved	/ 0	reserved	
Mechanical data								
Weight		[g]		171.5				
Type of mounting		mounting on DIN rail						
Materials		PA 6.6						
Displays / operating elements								
Display		operation			LED, green Voltage AS-i / 24 V AUX			
		errors			LED, red			
		function			LED, yellow channels 1...4			
Accessories								
Accessories (optional)		COMBICON connectors						
Remarks								
Pack quantity		1 pcs.						



AS-Interface control cabinet module

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Electrical connection

COMBICON:

Connection

O+	V1	O-	0V
O+	V2	O-	0V
O+	V3	O-	0V

0V	O-	V4	O+
A+	A-	E+	E-

O+	actuator supply +24V
V1...4	analogue output Voltage
O-	actuator supply 0V
0V	analogue output 0V
A+	AS-i +
A-	AS-i -
E+	external actuator supply +24V
E-	external actuator supply 0V