

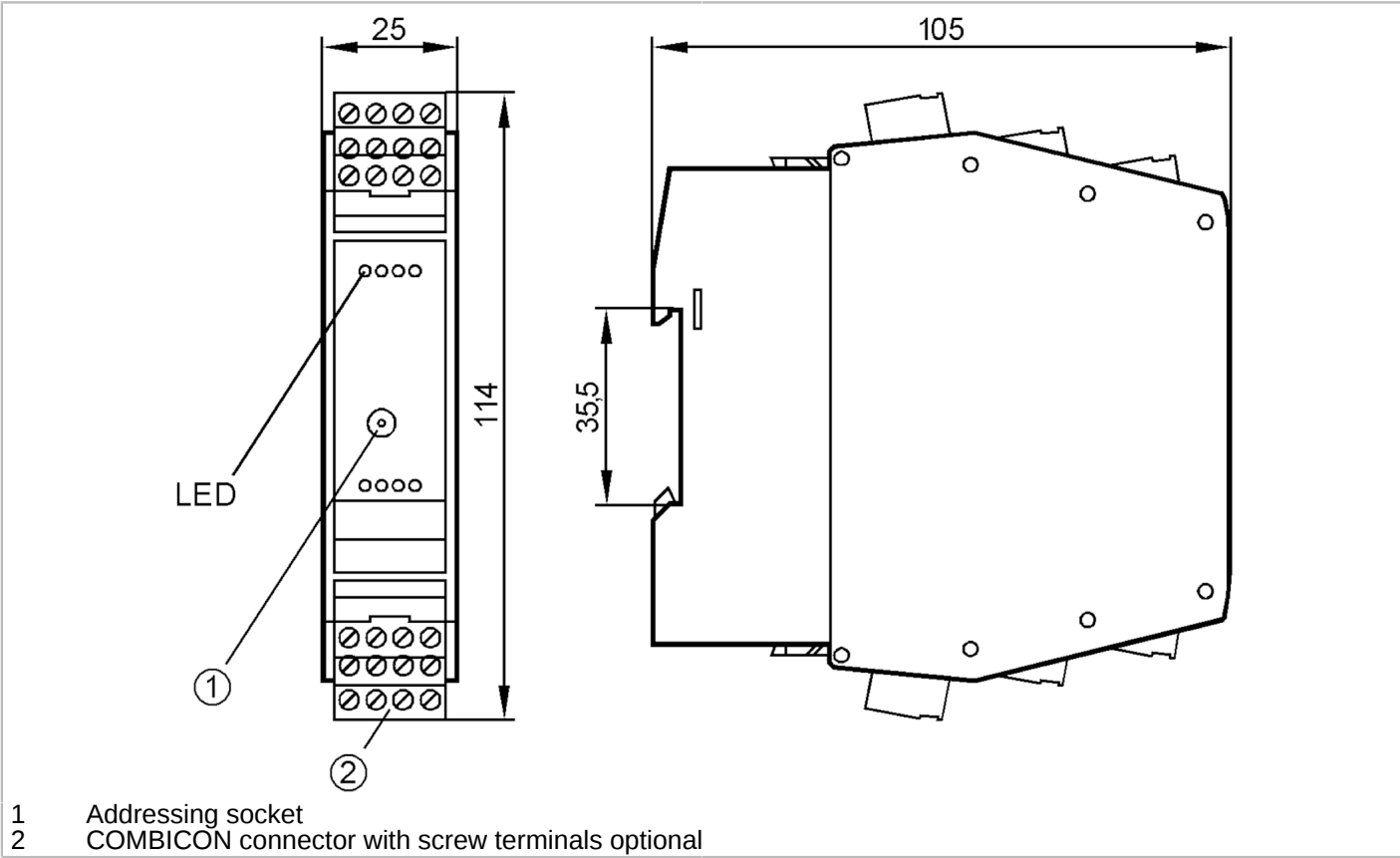


AS-Interface control cabinet module

SmartLine25 4AO (V) C IP20

Discontinued article

Alternative articles: AC3219
When selecting an alternative article and accessories please note that technical data may differ!



Application	
Application	I/O modules for control cabinet installations
Electrical data	
Operating voltage [V]	26.5...31.6 DC; (cULus - Class 2 source required)
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)
Additional voltage supply	optional
Inputs / outputs	
Number of inputs and outputs	Number of analog outputs: 4



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Outputs							
Number of analog outputs		4; (Anschluss von 2-Draht-Aktuatoren oder 4-Draht-Aktuatoren mit separater 24 V-Versorgung)					
Max. load	[Ω]	600					
Analog voltage output	[V]	0...10					
Min. load resistance	[Ω]	1000					
Overload protection		yes					
Resolution of analog output		16 (1 bit = 1 μV)					
Actuator supply outputs		AS-i / AUX					
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 addressing		Addressing socket					
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					
Parameter bits	Parameter bit	Description					
	P0	not used	/ 1	reserved	/ 0	reserved	
	P1	not used	/ 1	reserved	/ 0	reserved	
	P2	peripheral fault indication	: 1	activated	/ 0	disabled	
	P3	not used	/ 1	reserved	/ 0	reserved	
Mechanical data							
Weight	[g]	174.5					
Type of mounting		Mounting on DIN rail					
Material		PA 6.6					
Displays / operating elements							
Display	Power				LED, green Voltage AS-i / 24 V AUX		
	errors				LED, red		
	Function				LED, yellow Channels 1...4		
Accessories							
Accessories (optional)		Combicon connector					
Remarks							
Pack quantity		1 pcs.					



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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	analog output Voltage
O-	Actuator supply 0V
0V	analog output 0V
A+	AS-i +
A-	AS-i -
E+	External actuator supply +24V
E-	External actuator supply 0V