

AC2218



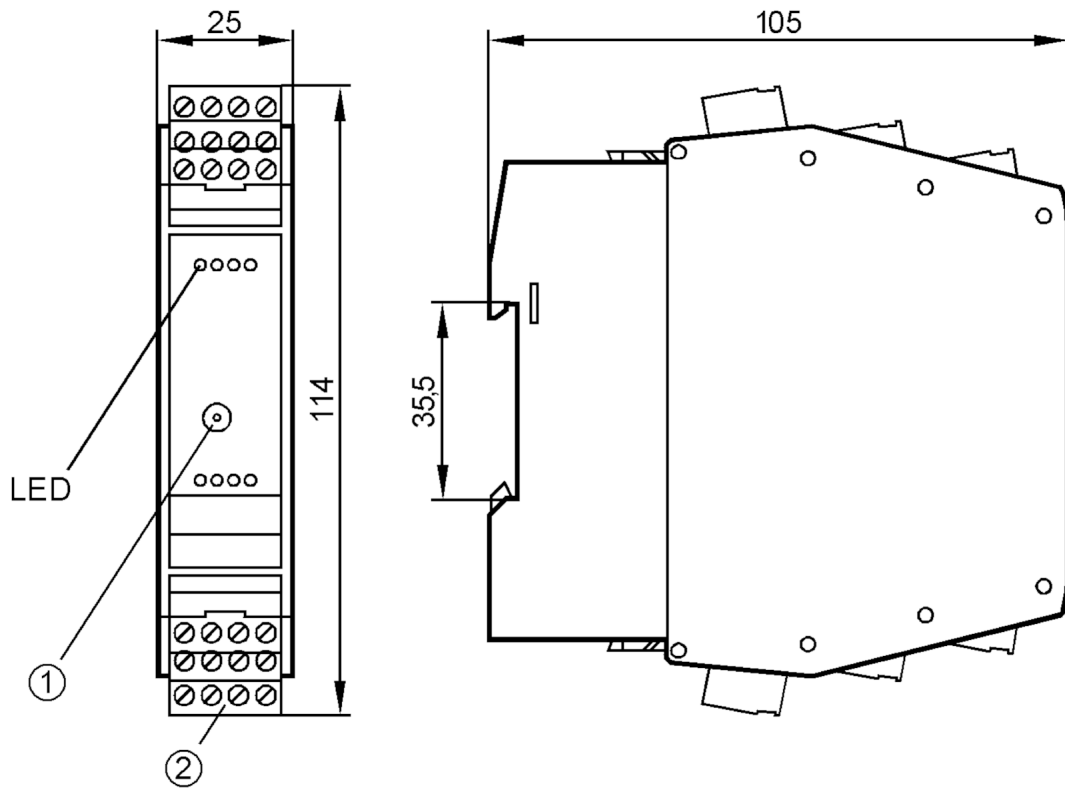
AS-Interface control cabinet module

SmartLine25 4AO (C) C IP20

Discontinued article

Alternative articles: AC3218

When selecting an alternative article and accessories please note that technical data may differ!



- 1 Addressing socket
- 2 COMBICON connector with screw terminals optional



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)																																			
Analog current output [mA]	0...20																																			
Max. load [Ω]	600																																			
Overload protection	yes																																			
Resolution of analog output	16 (1 bit = 1 μ A)																																			
Actuator supply outputs	AS-i/external																																			
Operating conditions																																				
Ambient temperature [$^{\circ}$ C]	0...70																																			
Storage temperature [$^{\circ}$ 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	<table border="1"> <thead> <tr> <th>Parameter bit</th> <th>Description</th> <th></th> <th></th> <th></th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>P0</td> <td>not used</td> <td>/ 1</td> <td>reserved</td> <td>/ 0</td> <td>reserved</td> <td></td> </tr> <tr> <td>P1</td> <td>not used</td> <td>/ 1</td> <td>reserved</td> <td>/ 0</td> <td>reserved</td> <td></td> </tr> <tr> <td>P2</td> <td>peripheral fault indication</td> <td>: 1</td> <td>activated</td> <td>/ 0</td> <td>disabled</td> <td></td> </tr> <tr> <td>P3</td> <td>not used</td> <td>/ 1</td> <td>reserved</td> <td>/ 0</td> <td>reserved</td> <td></td> </tr> </tbody> </table>	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	
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Mechanical data																																				
Weight [g]	175																																			
Type of mounting	Mounting on DIN rail																																			
Material	PA 6.6																																			
Displays / operating elements																																				
Display	Power errors	LED, green Voltage AS-i / 24 V AUX																																		
	Function	LED, red																																		
		LED, yellow Channels 1...4																																		
Remarks																																				
Pack quantity	1 pcs.																																			



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Electrical connection

COMBICON:

Connection

O+	C1	O-	0V
O+	C2	O-	0V
O+	C3	O-	0V

0V	O-	C4	O+
A+	A-	E+	E-

O+	Actuator supply +24V
C1...4	analog output Current
O-	Actuator supply 0V
0V	analog output 0V
A+	AS-i +
A-	AS-i -
E+	External actuator supply +24V
E-	External actuator supply 0V