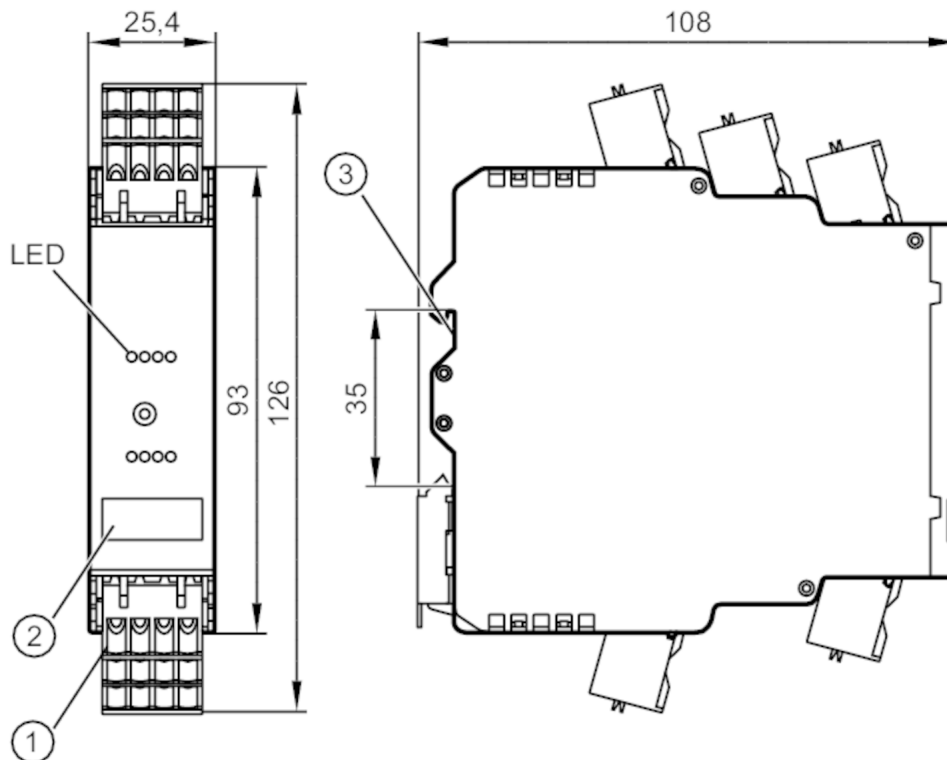


AS-Interface control cabinet module

SmartL25 4 AO (C) C IP20



- 1 plug with cage clamp connection
 2 panel for labelling
 3 mounting on DIN rail



Application

Design	housing for DIN rail mounting
Application	Installation in control cabinets

Electrical data

Operating voltage	[V]	26.5...31.6 DC
Max. current consumption from AS-i	[mA]	157
Reverse polarity protection		yes
Additional voltage supply	[V]	20...30 DC; (AUX)
Additional voltage supply		optional
Max. current consumption from additional supply	[mA]	550; (AUX)

Inputs / outputs

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

Number of analogue outputs		4; (connection of 2-wire or 4-wire actuators)
Analogue current output	[mA]	0...20
Max. load	[Ω]	600
Max. voltage drop across load for nominal current	[V]	10



AS-Interface control cabinet module

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Overload protection	yes	
Resolution of analogue output	16 (1 bit = 1 µA)	
Actuator supply outputs	AS-i / AUX	
Operating conditions		
Ambient temperature	[°C]	0...70
Storage temperature	[°C]	-25...75
Max. relative air humidity	[%]	90; (non condensing)
Max. height above sea level	[m]	2000
Protection	IP 20	
Protection rating terminals	IP 20	
Pollution degree	2	
Tests / approvals		
EMC	EN 61000-6-2	
	EN 61000-6-4	
UL approval	power supply	Class 2
AS-i classification		
AS-i version	2.11; 3.0	
AS-i addressing	addressing socket	
Extended addressing mode	no	
AS-i master profile	M3; M4	
AS-i profile	S-7.3.6	
AS-i I/O configuration	[hex]	7
AS-i ID code	[hex]	3.6
Mechanical data		
Weight	[g]	202.1
Housing	rectangular	
Type of mounting	mounting on DIN rail; (TH35 (EN 60715))	
Dimensions	[mm]	126 x 25.4 x 108
Materials	PC-GF20	
Displays / operating elements		
Display	analogue signal	LED, yellow channels AO1...AO4
	diagnosis	LED, yellow
	operation	LED, green AS-i, AUX
	errors	LED, red
Accessories		
Items supplied	COMBICON connectors	
Remarks		
Pack quantity	1 pcs.	



AS-Interface control cabinet module

SmartL25 4 AO (C) C IP20

Electrical connection

pin headers: 4 x ; Spacing: 5.0 mm

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	analogue output Current
O-	actuator supply 0V
0V	analogue output 0V
A+	AS-i +
A-	AS-i -
E+	external actuator supply +24V
E-	external actuator supply 0V