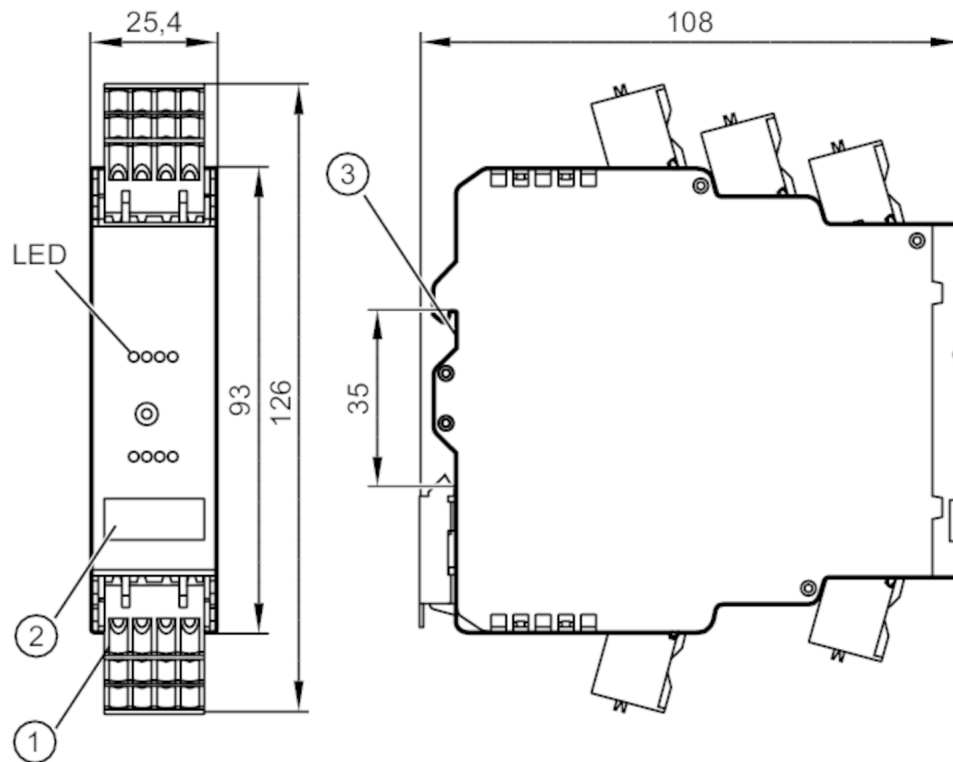


Active AS-i module

SmartL25 4 AO (V) C IP20



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



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; (AUX; to PELV)

Outputs

Electrical design		AS-i
Number of analogue outputs		4
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 (to PELV)



Active AS-i module

SmartL25 4 AO (V) C IP20

Operating conditions							
Ambient temperature	[°C]	0...70					
Storage temperature	[°C]	-20...85					
Protection		IP 20					
Protection rating terminals		IP 20					
Tests / approvals							
EMC		EN 61000-6-2					
		EN 61000-6-4					
AS-i classification							
AS-i version		2.11 + 3.0					
Extended addressing mode possible		no					
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]	175.8					
Type of mounting		mounting on DIN rail					
Materials		PC-GF20					
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.					



Active AS-i module

SmartL25 4 AO (V) C IP20

Electrical connection

pin headers: 4 x ; Spacing: 5.0 mm

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