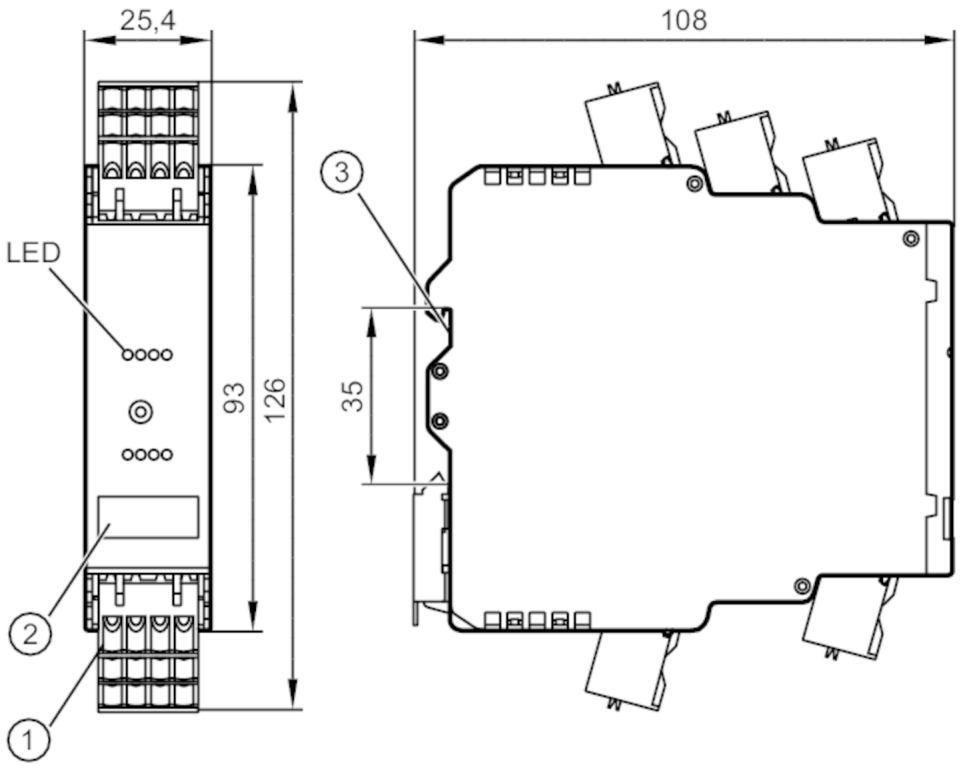
AC3218

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		
Application		I/O modules for control cabinet installations
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 analog outputs: 4
Outputs		
Number of analog outputs		4; (connection of 2-wire or 4-wire actuator)
Analog current output	[mA]	0...20
Max. load	[Ω]	600
Max. voltage drop across load for nominal current	[V]	10
Overload protection		yes

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Resolution of analog 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	
Degree of soiling		2	
Tests / approvals			
EMC		EN 61000-6-2	
		EN 61000-6-4	
UL approval		voltage 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	
Type of mounting		Mounting on DIN rail	
Material		PC-GF20	
Displays / operating elements			
Display		analog signal	LED, yellow Channels AO1...AO4
		diagnosis	LED, yellow
		Power	LED, green AS-i, AUX
		errors	LED, red
Accessories			
Items supplied		Combicon connector	
Remarks			
Pack quantity		1 pcs.	

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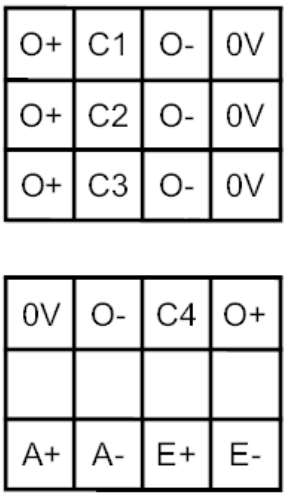
Electrical connection

pin headers: 4 x ; Spacing: 5.0 mm

Connection



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