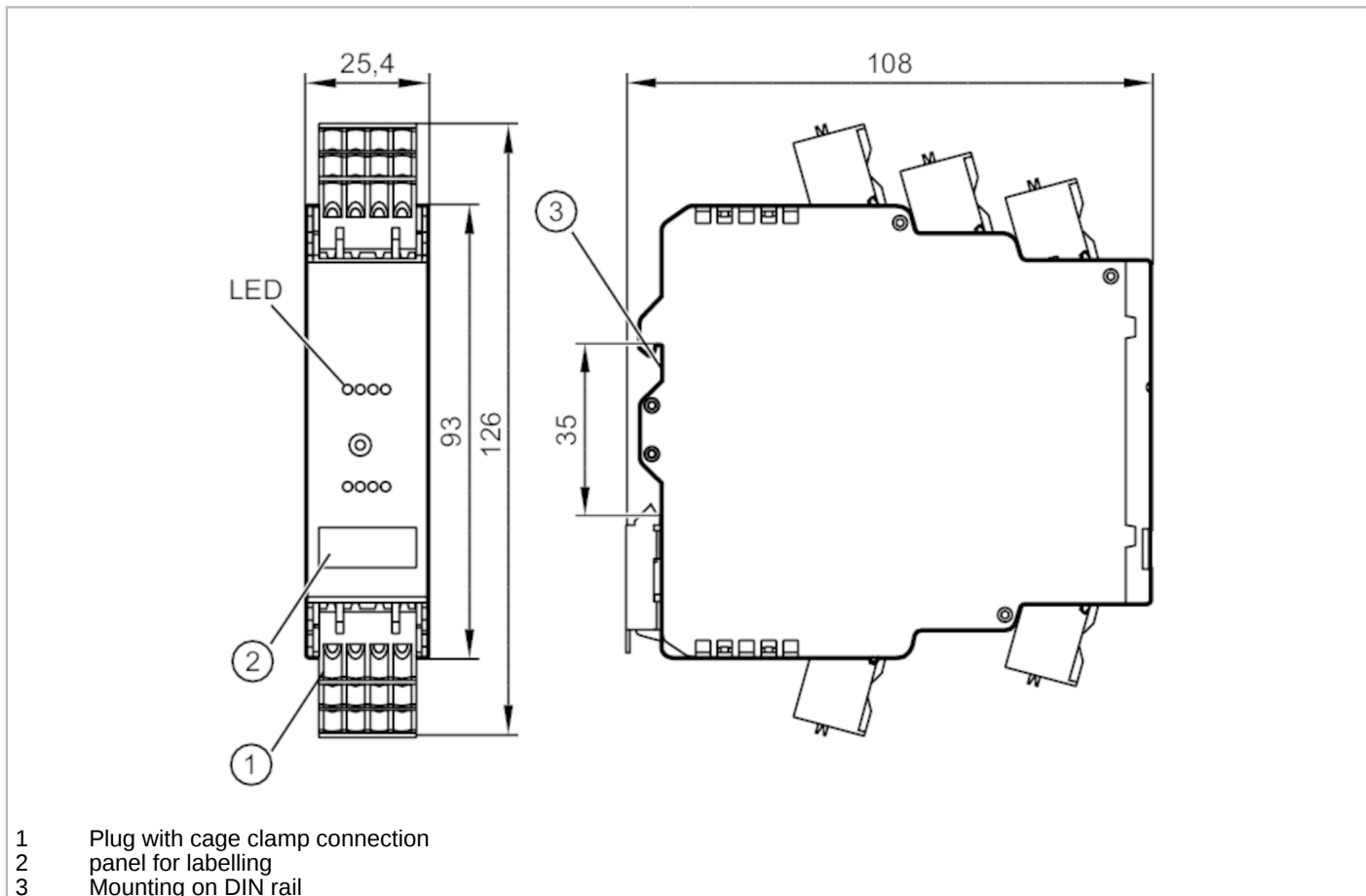


AC3218



AS-Interface control cabinet module

SmartL25 4 AO (C) C IP20



Application	
Design	housing for DIN rail mounting
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

AC3218



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Overload protection	yes
Resolution of analog output	16 (1 bit = 1 μ A)
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
Housing	rectangular
Type of mounting	Mounting on DIN rail; (TH35 (EN 60715))
Dimensions [mm]	126 x 25.4 x 108
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.

AC3218



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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	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