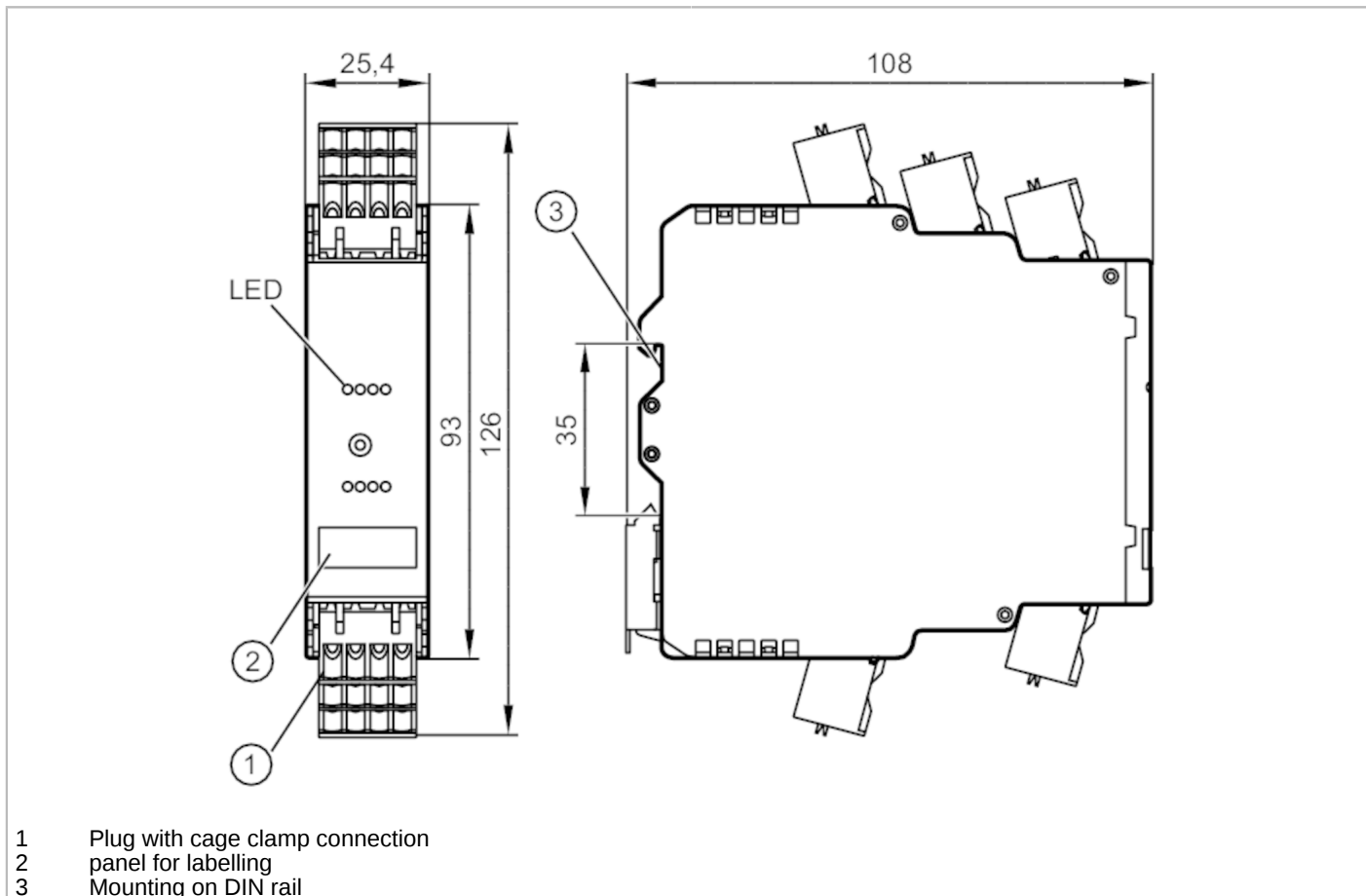


# AC3218



## AS-Interface control cabinet module

SmartL25 4 AO (C) C IP20



### 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 $\mu$ A)	
Actuator supply outputs	AS-i / AUX	
<b>Operating conditions</b>		
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
<b>Tests / approvals</b>		
EMC	EN 61000-6-2	
	EN 61000-6-4	
UL approval	voltage supply	Class 2
<b>AS-i classification</b>		
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
<b>Mechanical data</b>		
Weight	[g]	202.1
Type of mounting	Mounting on DIN rail	
Material	PC-GF20	
<b>Displays / operating elements</b>		
Display	analog signal	LED, yellow Channels AO1...AO4
	diagnosis	LED, yellow
	Power	LED, green AS-i, AUX
	errors	LED, red
<b>Accessories</b>		
Items supplied	Combicon connector	
<b>Remarks</b>		
Pack quantity	1 pcs.	

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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