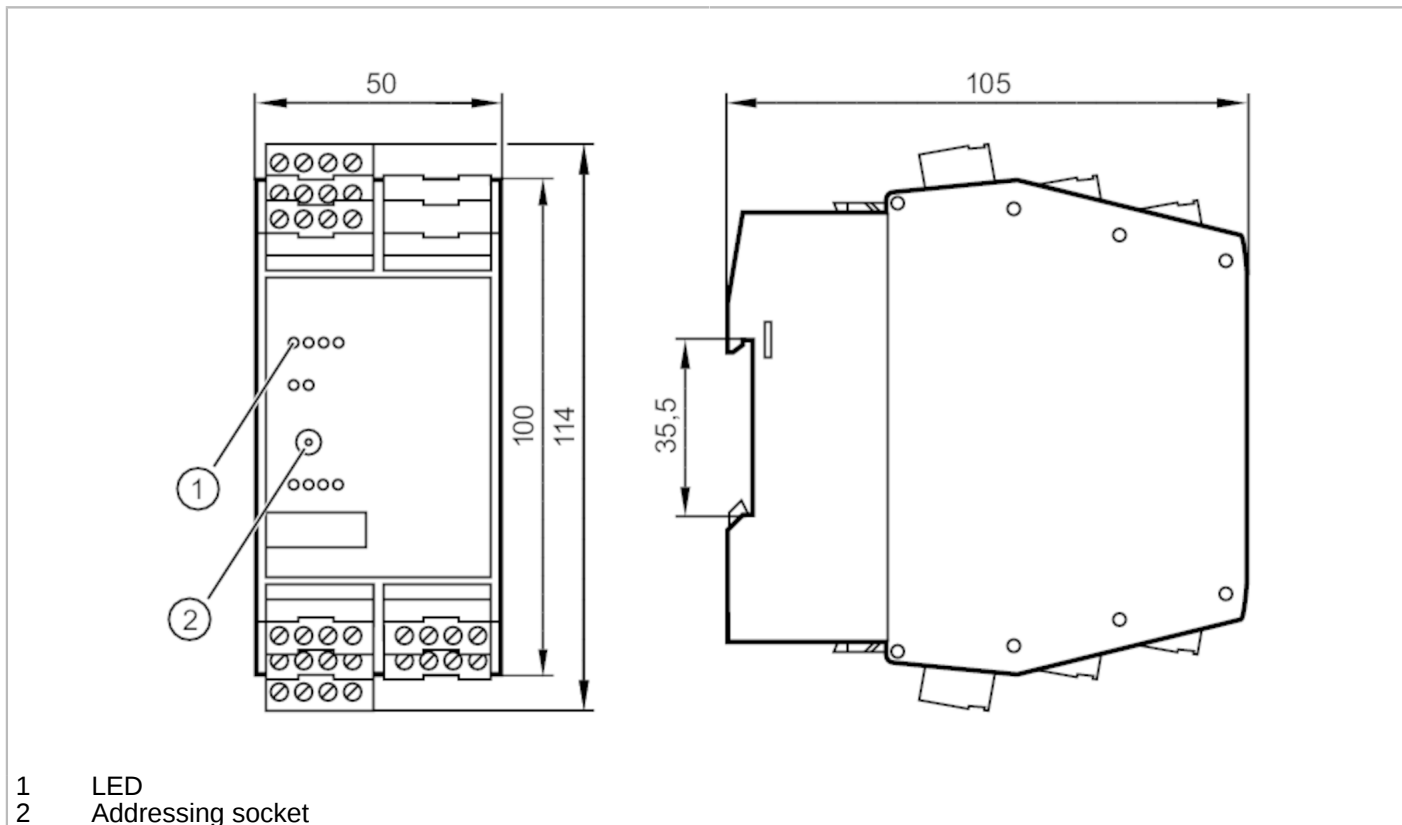


AC2258



AS-Interface control cabinet module

SmartL50 4DI 4DO R C



Application

Application	I/O modules for control cabinet installations
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Electrical data

Operating voltage [V]	26.5...31.6 DC
Max. current consumption from AS-i [mA]	300
Max. current load total [A]	6; (Resistive)
Integrated watchdog	yes

Inputs / outputs

Number of inputs and outputs	Number of digital inputs: 4; Number of relay outputs: 4
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Inputs

Number of digital inputs	4
Input circuit of digital inputs	PNP
Sensor supply of the inputs	AS-i
Voltage supply [V]	18...30
Max. total current rating of inputs [mA]	200
Input current High [mA]	6...10
Input current low [mA]	0...2
Min. switching level high signal [V]	11
Digital inputs protected against short circuits	yes

AC2258



AS-Interface control cabinet module

SmartL50 4DI 4DO R C

Outputs					
Voltage range DC [V]	24				
Voltage range AC [V]	10...240				
Max. current load per output [mA]	6000; (Resistive)				
Number of relay outputs	4				
Short-circuit proof	no				
Electrically separated	yes				
Operating conditions					
Ambient temperature [°C]	-25...60				
Note on ambient temperature	cRUus: -25...60 °C				
Protection	IP 20				
Tests / approvals					
EMC	EN 50295				
	EN 50178				
MTTF [years]	279				
AS-i classification					
AS-i version	2.1				
AS-i addressing	Addressing socket				
Extended addressing mode	no				
AS-i profile	S-7.0.E				
AS-i I/O configuration [hex]	7				
AS-i ID code [hex]	0.E				
AS-i certificate pending	yes				
Data bits	Data bit	D0	D1	D2	D3
	Input	I-1	I-2	I-3	I-4
	Output	O-1	O-2	O-3	O-4
Mechanical data					
Weight [g]	275				
Type of mounting	Mounting on DIN rail; String mounting possible				
Material	PA 6.6				
Displays / operating elements					
Display	Switching status	LED, yellow			
	Power	LED, green			
	errors	LED, red			
Accessories					
Accessories (optional)	Combicon connector				
Remarks					
Pack quantity	1 pcs.				



AS-Interface control cabinet module

SmartL50 4DI 4DO R C

Electrical connection

COMBICON:

Connection

I-	I-	I-	I-
I1	I2	I3	I4
I+	I+	I+	I+

14	11	11	12
24	21	21	22
A+	A-		

34	31	31	32
44	41	41	42

A+	AS-i +
A-	AS-i -
I+	Sensor supply +24V
I-	Sensor supply 0V
I1...I4	Switching input sensor 1...4