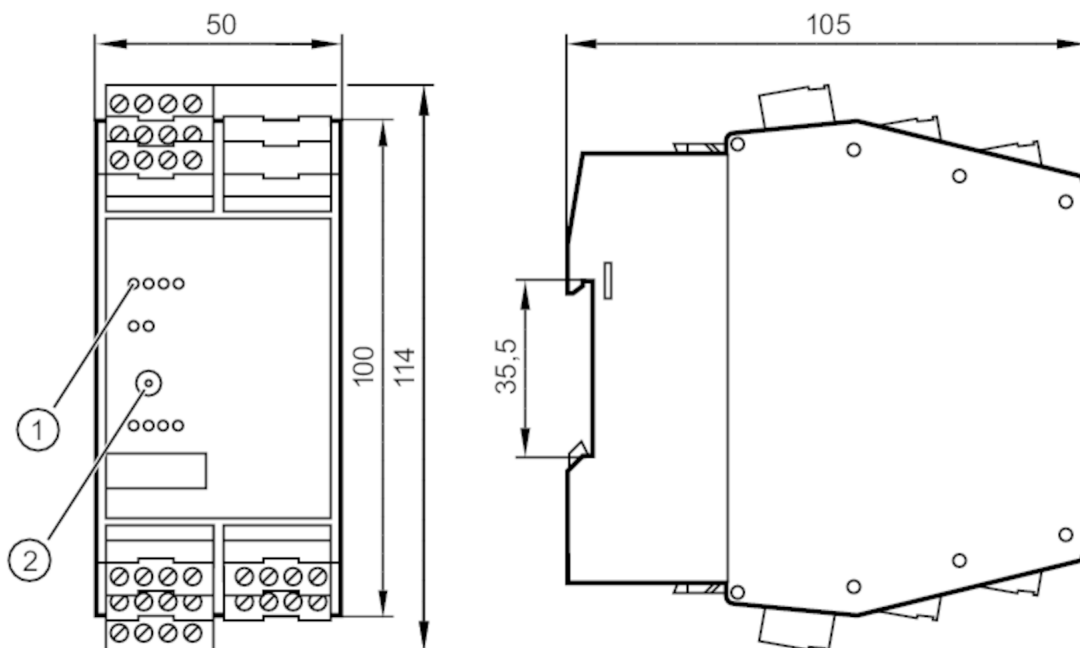


AS-Interface control cabinet module

SmartL50 4DI 4DO R C



- 1 LED
2 addressing socket



Electrical data

Operating voltage	[V]	26.5...31.6 DC
Max. current consumption from AS-i	[mA]	50
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
voltage supply	[V]	20...30
Max. total current rating of inputs	[mA]	500
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
Sensor supply of the inputs		external (E+/E-), to PELV



AS-Interface control cabinet module

SmartL50 4DI 4DO R C

Outputs					
Voltage range DC	24; (All outputs have to be supplied with the same voltage. e.g. 2 x 240 V AC, same phase conductor, or 2 x 24 V DC)				
Voltage range AC	10...240; (All outputs have to be supplied with the same voltage. e.g. 2 x 240 V AC, same phase conductor, or 2 x 24 V DC)				
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]	326				
AS-i classification					
AS-i version	2.1				
AS-i addressing	addressing socket				
Extended addressing mode possible	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				
Assignment of the 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]	263.5				
Type of mounting	mounting on DIN rail; string mounting possible				
Materials	PA 6.6				
Displays / operating elements					
Display	switching status		LED, yellow		
	operation		LED, green		
	errors		LED, red		
Accessories					
Accessories (optional)	COMBICON connectors				
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-	E+	E-

34	31	31	32
44	41	41	42

A+	AS-i +
A-	AS-i -
E+	external sensor supply +24V
E-	external sensor supply 0V
I+	Sensor supply +24V
I-	Sensor supply 0V
I1...4	switching input sensor 1...4