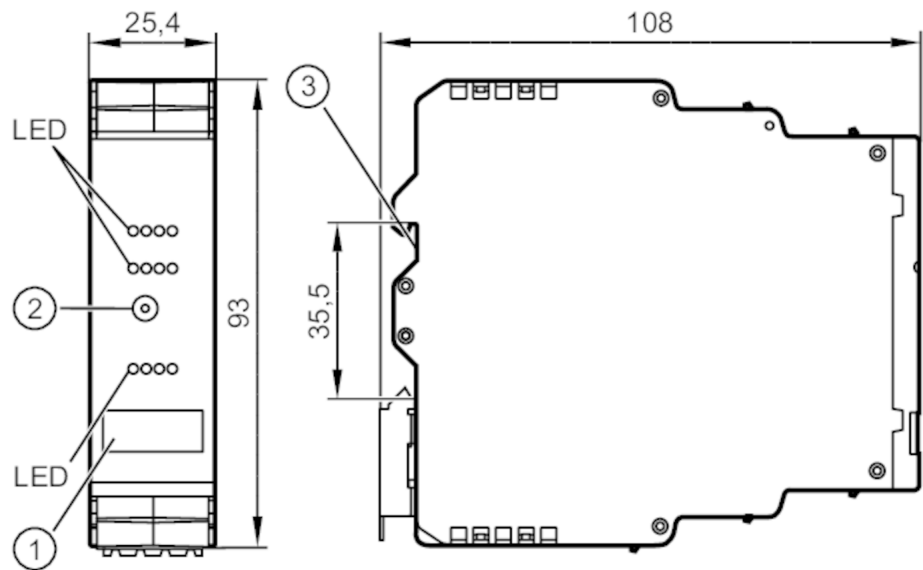




AS-Interface control cabinet module

SmartL25 4DI 2DO R C



- 1 panel for labelling
- 2 Addressing socket
- 3 DIN rail adapter



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]	250
Integrated watchdog	yes
Inputs / outputs	
Number of inputs and outputs	Number of digital inputs: 4; Number of relay outputs: 2
Inputs	
Number of digital inputs	4
Input circuit of digital inputs	PNP; (type 2 according to IEC 61131-2)
Sensor supply of the inputs	AS-i
Voltage supply [V]	18...30; (DC)
Max. total current rating of inputs [mA]	200
Input current High [mA]	6...10
Input current low [mA]	0...2
Switching level high [V]	> 11



AS-Interface control cabinet module

SmartL25 4DI 2DO R C

Digital inputs protected against short circuits	yes				
Outputs					
Voltage range DC [V]	24				
Voltage range AC [V]	10...240				
Max. current load per output [mA]	6000; (240 V AC; 24 V DC; resistive load)				
Max. current load outputs total [A]	6; (240 V AC; 24 V DC; resistive load)				
Number of relay outputs	2				
Contact rating	6 A; (max. 240 V AC / 24 V DC see diagram:: Contact rating normally open (NO): B300: 6000 cycles)				
Short-circuit proof	no				
Electrically separated	yes				
Operating conditions					
Ambient temperature [°C]	-25...60				
Max. relative air humidity [%]	90; (non condensing)				
Max. height above sea level [m]	2000				
Protection	IP 20				
Degree of soiling	2				
Tests / approvals					
EMC	EN 61000-6-2				
	EN 62026-2				
	EN 50581				
MTTF [years]	325				
AS-i classification					
AS-i version	2.11; 3.0				
AS-i addressing	Addressing socket				
Extended addressing mode	yes				
AS-i profile	S-7.A.E				
AS-i I/O configuration [hex]	7				
AS-i ID code [hex]	A.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	-	-
Mechanical data					
Weight [g]	159.8				
Housing	rectangular				
Type of mounting	Mounting on DIN rail; (TH35 (EN 60715))				
Dimensions [mm]	93 x 25.4 x 108				
Material	PC-GF20				
Displays / operating elements					
Display	Switching status		LED, yellow I1...I4, O1....O4		
	Power		LED, green AS-i		
	errors		LED, red		



AS-Interface control cabinet module

SmartL25 4DI 2DO R C

Accessories	
Accessories (optional)	connector
Remarks	
Pack quantity	1 pcs.
Electrical connection	
pin header:	
Connection	

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

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

A+	AS-i +
A-	AS-i -
I+	Sensor supply +24V
I-	Sensor supply 0V
I1...I4	Switching input sensor 1...4
O1...O2	Switching output Relay 1...2
11	Relay O1 changeover contact, common
12	Relay O1 Changeover contact, normally closed
14	Relay O1 Changeover contact, normally open
21	Relay O2 changeover contact, common
22	Relay O2 Changeover contact, normally closed
24	Relay O2 Changeover contact, normally open

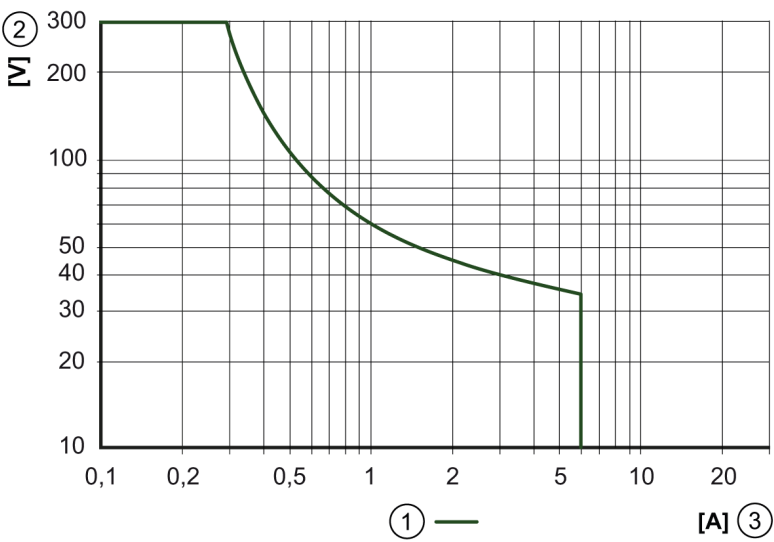


AS-Interface control cabinet module

SmartL25 4DI 2DO R C

Diagrams and graphs

Contact rating



- 1 resistive load
- 2 Voltage [DC]
- 3 Current [DC]