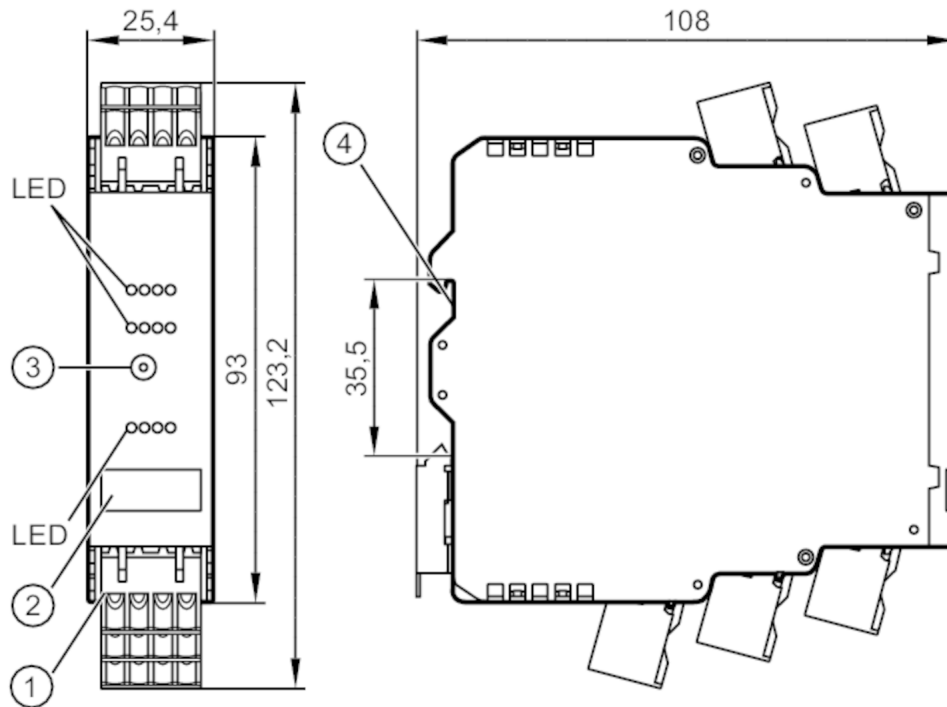


AS-Interface control cabinet module

SmartL25 4DI AUX 4DO R C



- 1 plug with cage clamp connection
- 2 panel for labelling
- 3 addressing socket
- 4 mounting on DIN rail



Application

Application

Installation in control cabinets

Electrical data

Operating voltage	[V]	18...31.6 DC; (The device shall be supplied from an isolating source. This voltage source must have a secondary UL-listed fuse (see enclosed sheet). Alternatively, a class 2 power supply can be used to supply AUX.)
Max. current consumption from AS-i	[mA]	30
Max. current load total	[A]	6; (ohmic resistance)
Additional voltage supply	[V]	20...30 DC; (AUX)
Integrated watchdog		yes

Inputs / outputs

Number of inputs and outputs

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

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 / AUX
Power supply	[V]	16...30
Max. total current rating of inputs	[mA]	1000
Input current High	[mA]	6...10



AS-Interface control cabinet module

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Input current Low	[mA]	0...2
Switching level high	[V]	> 11
Digital inputs protected against short circuits		yes
Outputs		
Voltage range DC	[V]	24; (external (E+/E-), to SELV; The outputs O1 + O3 and O2 + O4 must be supplied in pairs with the same voltage. e.g. 2 x 240 V AC or 2 x 24 V DC)
Voltage range AC	[V]	10...240; (The outputs O1 + O3 and O2 + O4 must be supplied in pairs with the same voltage. e.g. 2 x 240 V AC or 2 x 24 V DC)
Max. current load per output	[mA]	6000; (ohmic resistance)
Number of relay outputs		4
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
Protection rating terminals		IP 20
Pollution degree		2
Tests / approvals		
EMC		EN 62026-2
		EN 61000-6-2
		EN 61000-6-3
MTTF	[years]	248
AS-i classification		
AS-i version		3.0
AS-i addressing		addressing socket
Extended addressing mode		yes
AS-i profile		S-7.A.7
AS-i I/O configuration	[hex]	7
AS-i ID code	[hex]	A.7
AS-i certificate		124301
Mechanical data		
Weight	[g]	203.35
Type of mounting		mounting on DIN rail; string mounting possible
Materials		plastics; PC-GF20
Displays / operating elements		
Display	switching status	LED, yellow I1...I4, O1...O4
	operation	LED, green AS-i, AUX
	errors	LED, red
Accessories		
Items supplied		COMBICON connectors



AS-Interface control cabinet module

SmartL25 4DI AUX 4DO R C

Remarks

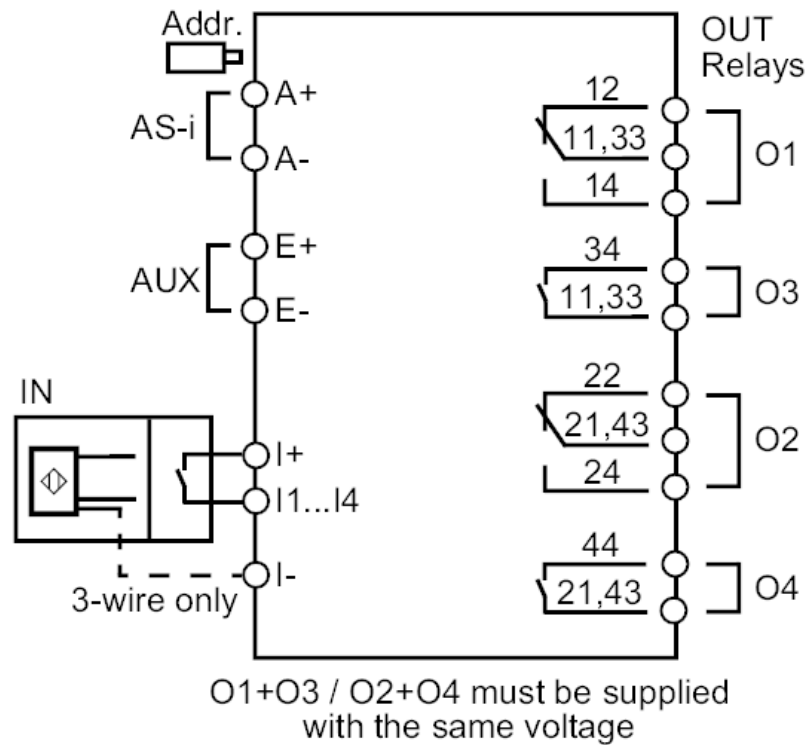
Pack quantity

1 pcs.

Electrical connection

pin headers: 4 x ; Spacing: 5.0 mm

Connection



A+	AS-i +
A-	AS-i -
E+	external voltage supply for sensors + 24 V (AUX)
E-	external voltage supply for sensors + 0 V (AUX)
I+	Sensor supply +24V
I-	Sensor supply 0V
I1...I4	switching input sensor 1...4
O1...O4	switching output relay 1...4
11	relay O1 changeover contact, common
12	relay O1 changeover contact, normally closed contact
14	relay O1 changeover contact, normally open
21	relay O2 changeover contact, common
22	relay O2 changeover contact, normally closed contact
24	relay O2 changeover contact, normally open
33, 34	relay O3 normally open
43, 44	relay O4 normally open