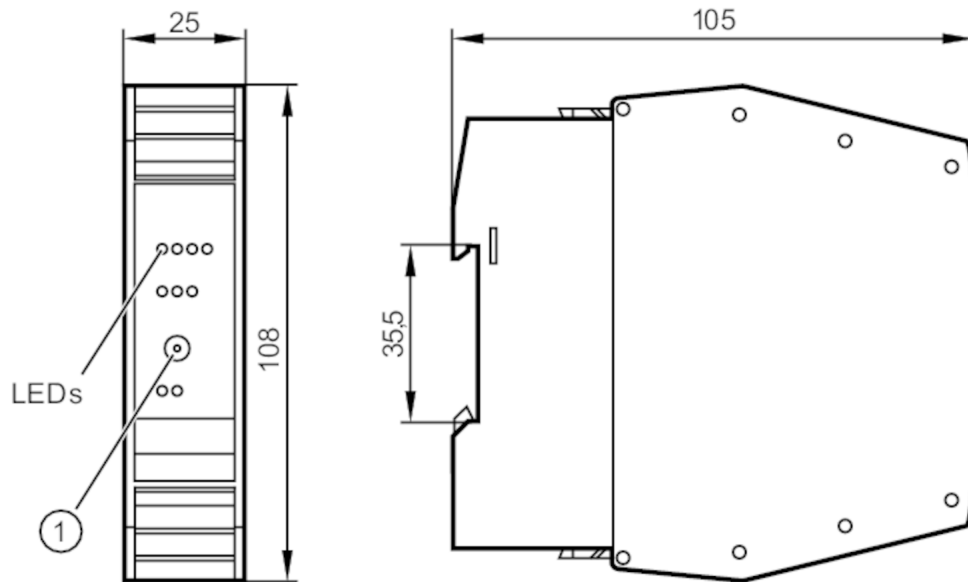


AC2255



AS-Interface control cabinet module

SmartL25 4DI 2DO R C



1 Addressing socket



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]	50
Additional voltage supply	[V]	20...30 DC; (AUX)
Max. current consumption from additional supply	[mA]	600; (AUX)
Integrated watchdog		yes

Inputs / outputs

Number of inputs and outputs

Number of digital inputs: 4; Number of relay outputs: 2



AS-Interface control cabinet module

SmartL25 4DI 2DO R C

Inputs					
Number of digital inputs	4				
Input circuit of digital inputs	PNP; (type 2 according to IEC 61131-2)				
Sensor supply of the inputs	AUX				
Voltage supply [V]	18...30; (DC)				
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				
Outputs					
Voltage range DC [V]	24				
Voltage range AC [V]	10...240				
Max. current load per output [mA]	6000; (230 V AC; 24 V DC; resistive load)				
Number of relay outputs	2				
Short-circuit proof	no				
Electrically separated	yes				
Operating conditions					
Ambient temperature [°C]	-25...70				
Protection	IP 20				
Degree of soiling	2				
Tests / approvals					
EMC	EN61000-6-2				
	EN62026-2				
	EN50581				
MTTF [years]	383				
AS-i classification					
AS-i version	2.1; 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]	171				
Type of mounting	Mounting on DIN rail; String mounting possible				
Material	PC-GF20				

AC2255



AS-Interface control cabinet module

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Displays / operating elements		
Display	Switching status	LED, yellow I1...I4 O1...O2
	Power	LED, green AS-i AUX
	errors	LED, red
Accessories		
Accessories (optional)	cage clamps	
Remarks		
Pack quantity	1 pcs.	
Electrical connection		
COMBICON:		
Connection		

I-	I-	E+	E-
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
E+	External supply +24V
E-	External supply 0V
I1...I4	Switching input sensor 1...4