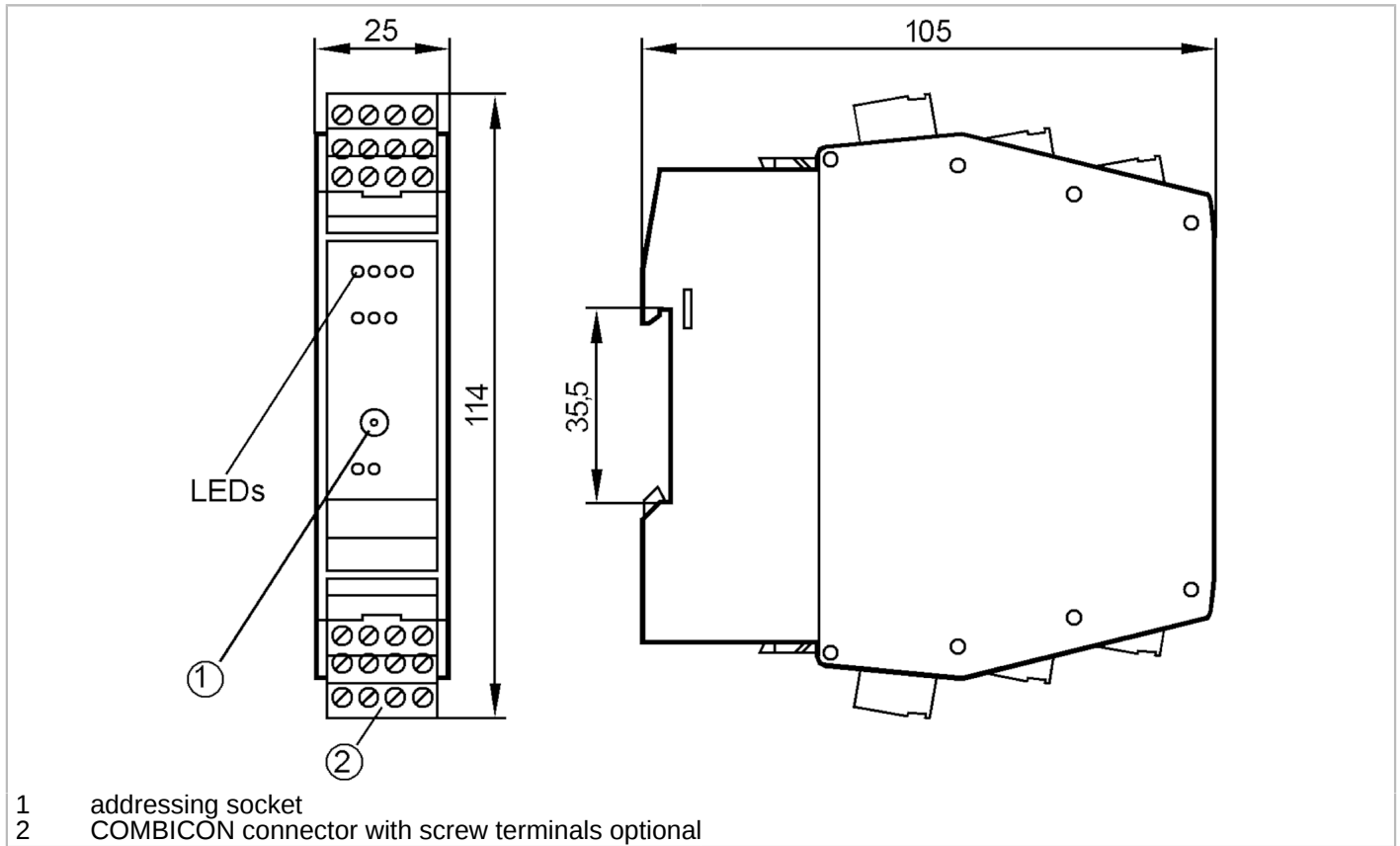


AC2255



AS-Interface control cabinet module

SmartL25 4DI 2DO R C



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: 2
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

SmartL25 4DI 2DO 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	2				
Short-circuit proof	no				
Electrically separated	yes				
Operating conditions					
Ambient temperature [°C]	-25...70				
Note on ambient temperature	cRUUs: -25...60 °C				
Protection	IP 20				
Tests / approvals					
EMC	EN 50295				
	EN 50178				
MTTF [years]	410				
AS-i classification					
AS-i version	2.1				
AS-i addressing	addressing socket				
Extended addressing mode possible	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				
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	-	-
Mechanical data					
Weight [g]	172				
Type of mounting	mounting on DIN rail; string mounting possible				
Materials	PA				
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

SmartL25 4DI 2DO R C

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