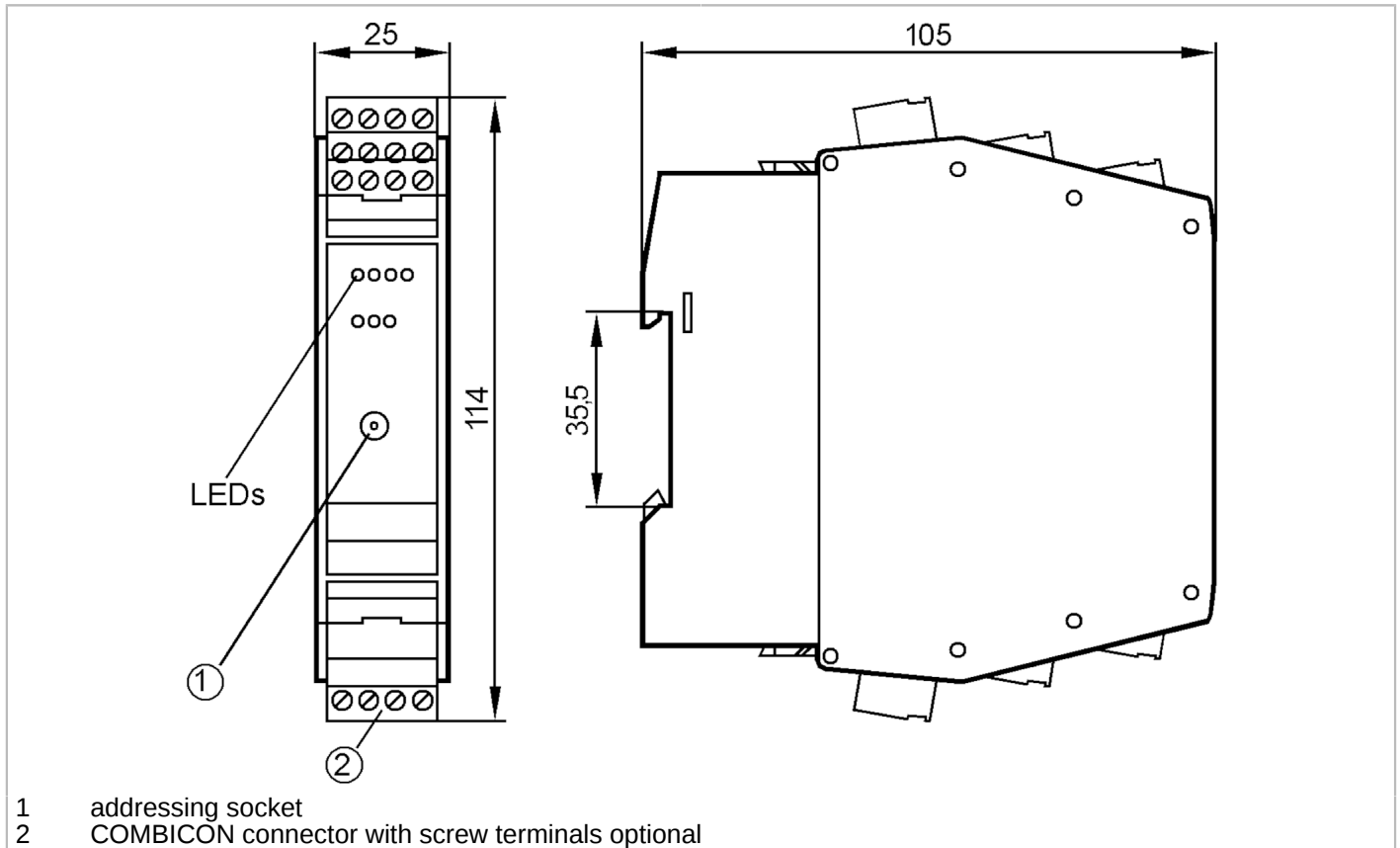


# AC2254



## AS-Interface control cabinet module

SmartL25 4DI C



### Electrical data

Operating voltage	[V]	26.5...31.6 DC
Max. current consumption from AS-i	[mA]	50

### Inputs / outputs

Number of inputs and outputs	Number of digital inputs: 4
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### Inputs

Number of digital inputs	4
Input circuit of digital inputs	PNP
Sensor supply of the inputs	external (E+/E-), to PELV
Voltage supply	[V] 18...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

# AC2254



## AS-Interface control cabinet module

SmartL25 4DI C

Operating conditions					
Ambient temperature	[°C]	-25...70			
Note on ambient temperature		cRUus: -25...60 °C			
Protection		IP 20			
Tests / approvals					
EMC		EN 50295			
MTTF	[years]	485			
AS-i classification					
AS-i version		2.1			
AS-i addressing		addressing socket			
Extended addressing mode possible		yes			
AS-i profile		S-0.A.E			
AS-i I/O configuration	[hex]	0			
AS-i ID code	[hex]	A.E			
AS-i certificate		39402			
Assignment of the data bits	data bit	D0	D1	D2	D3
	input	I-1	I-2	I-3	I-4
Mechanical data					
Weight	[g]	142			
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 C

### Electrical connection

COMBICON:

### Connection

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

A+	A-		

A+	AS-i +
A-	AS-i -
I+	Sensor supply +24V
I-	Sensor supply 0V
E+	external sensor supply +24V
E-	external sensor supply 0V
I1...I4	switching input sensor 1...4