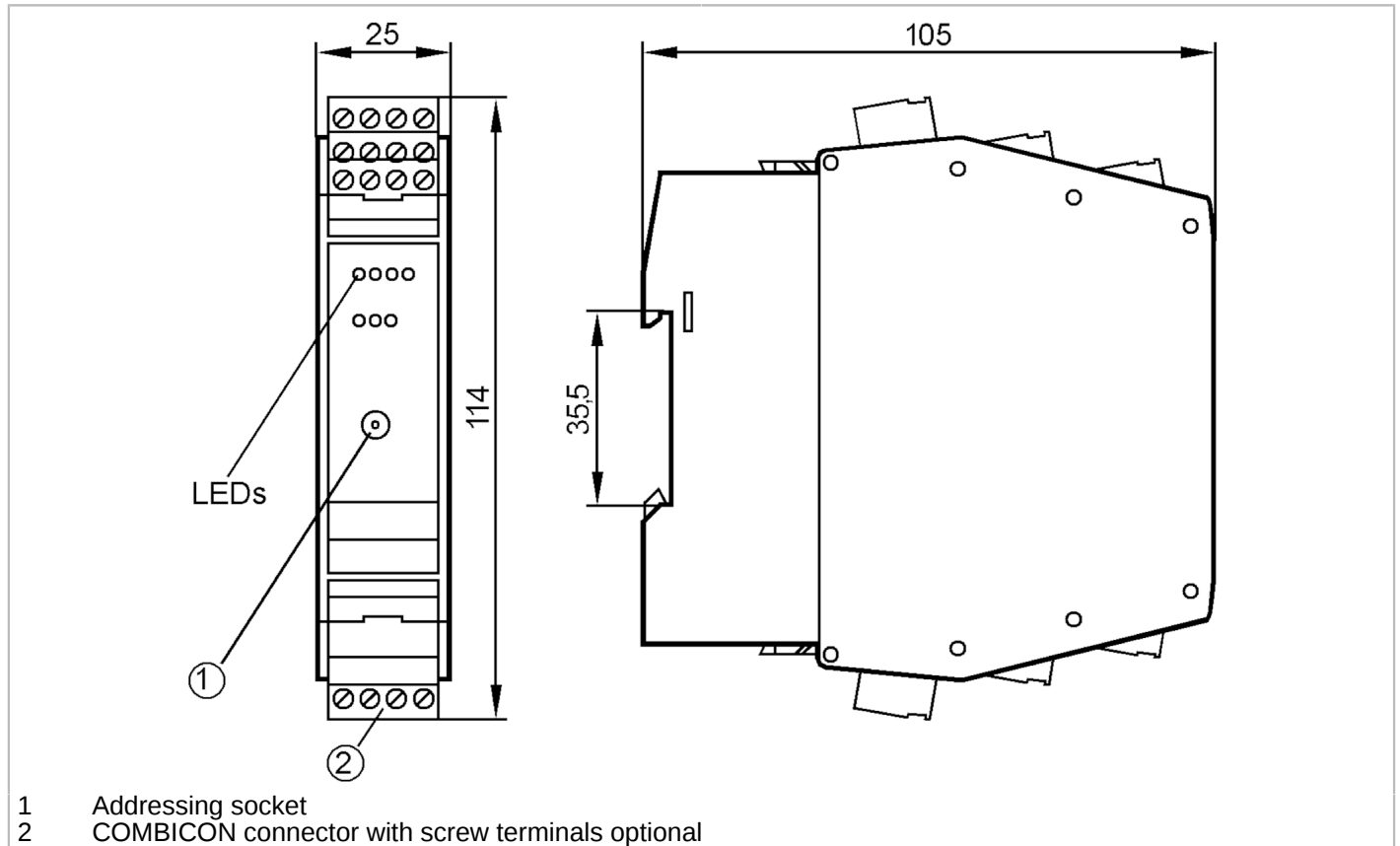


AC2254



AS-Interface control cabinet module

SmartL25 4DI C



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)

Inputs / outputs

Number of inputs and outputs Number of digital inputs: 4



AS-Interface control cabinet module

SmartL25 4DI C

Inputs											
Number of digital inputs	4										
Input circuit of digital inputs	PNP; (DC)										
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										
Operating conditions											
Ambient temperature [°C]	-25...70										
Note on ambient temperature	cRUus: -25...60 °C										
Max. relative air humidity [%]	90; (non condensing)										
Max. height above sea level [m]	2000										
Protection	IP 20										
Degree of soiling	2										
Tests / approvals											
EMC	EN61000-6-2										
	EN62026-2										
	EN50581										
MTTF [years]	485										
AS-i classification											
AS-i version	2.1; 3.0										
AS-i addressing	Addressing socket										
Extended addressing mode	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										
Data bits	<table border="1"> <thead> <tr> <th>Data bit</th> <th>D0</th> <th>D1</th> <th>D2</th> <th>D3</th> </tr> </thead> <tbody> <tr> <td>Input</td> <td>I-1</td> <td>I-2</td> <td>I-3</td> <td>I-4</td> </tr> </tbody> </table>	Data bit	D0	D1	D2	D3	Input	I-1	I-2	I-3	I-4
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										
Material	PC-GF20										
Displays / operating elements											
Display	Switching status	LED, yellow I1...I4									
	Power	LED, green AS-i AUX									
	errors	LED, red									
Accessories											
Accessories (optional)	cage clamps										

AC2254



AS-Interface control cabinet module

SmartL25 4DI C

Remarks

Pack quantity _____ 1 pcs.

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