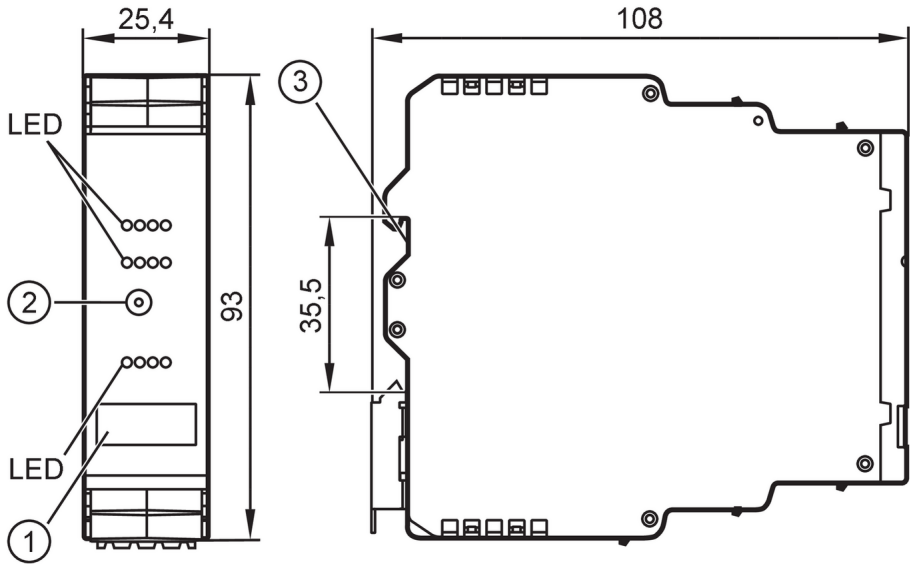
AC2254

AS-Interface control cabinet module

SmartL25 4DI C



1 panel for labelling
2 addressing socket
3 DIN rail holder

Application		
Design		housing for DIN rail mounting
Application		Installation in control cabinets
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
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
Switching level high	[V]	> 11
Digital inputs protected against short circuits		yes
Operating conditions		
Ambient temperature	[°C]	-25...70

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Max. relative air humidity	[%]	90; (non condensing)				
Max. height above sea level	[m]	2000				
Protection		IP 20				
Pollution degree		2				
Tests / approvals						
EMC		EN 61000-6-2				
		EN 62026-2				
		EN 50581				
MTTF	[years]	485				
Notes		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.				
AS-i classification						
AS-i version		2.11; 3.0				
AS-i addressing		addressing socket				
Extended addressing mode		yes				
AS-i master profile		M2; M3; M4				
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]	128.9				
Housing		rectangular				
Type of mounting		mounting on DIN rail; (TH35 (EN 60715))				
Dimensions	[mm]	93 x 25.4 x 108				
Materials		PC-GF20				
Displays / operating elements						
Display		switching status	LED, yellow I1...I4			
		operation	LED, green AS-i, AUX			
		errors	LED, red			
Accessories						
Accessories (optional)		connectors				
Remarks						
Pack quantity		1 pcs.				

AC2254

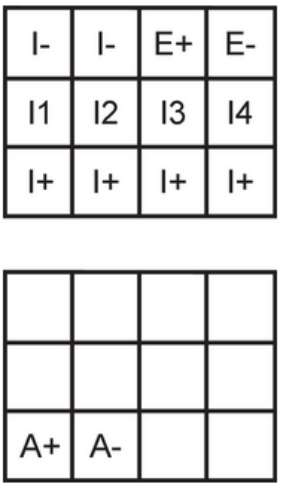
AS-Interface control cabinet module

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Electrical connection

pin header:

Connection



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