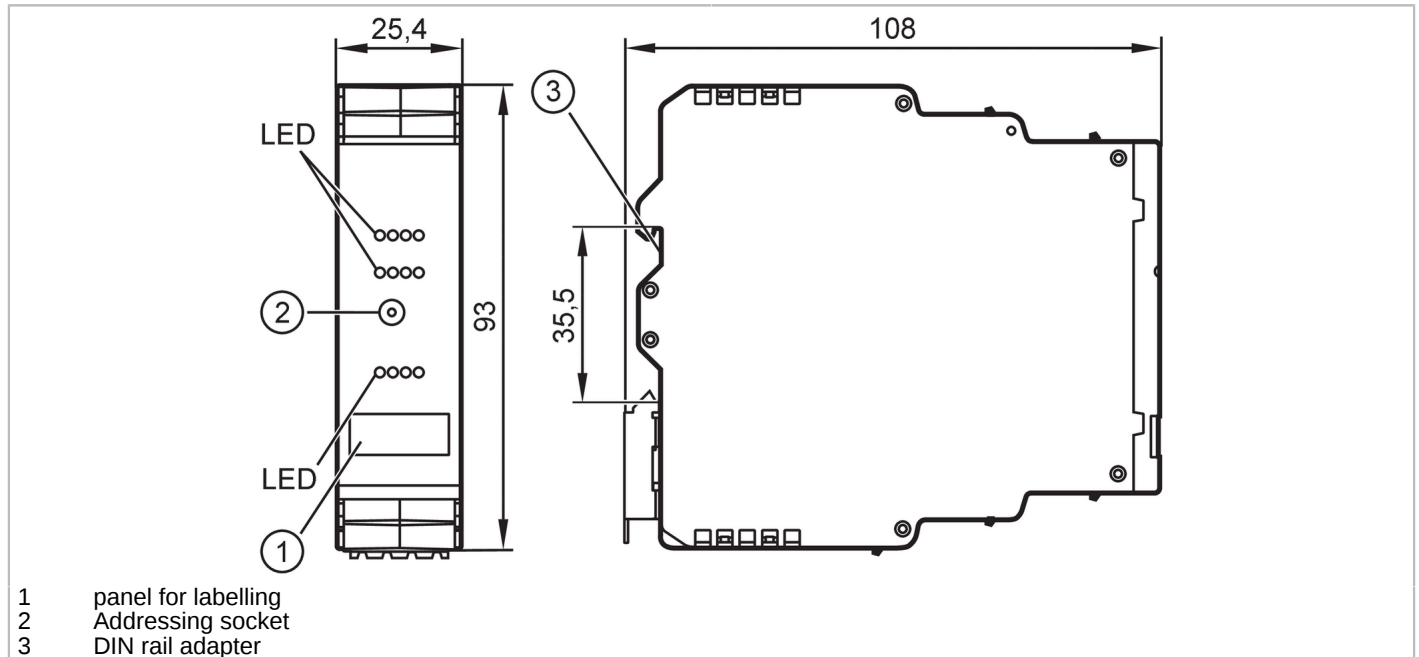




AS-Interface control cabinet module

SmartL25 4DO T C



Application

Design	housing for DIN rail mounting
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]	4000; (AUX)
Integrated watchdog		yes

Inputs / outputs

Number of inputs and outputs	Number of digital outputs: 4
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Outputs

Number of digital outputs	4
Circuit	PNP
Voltage range DC	[V] 20...30; (AUX)
Max. current load per output	[mA] 1000; (utilization category DC-12: 700 mA; utilization category DC-13 (control of electromagnets): 20 W (IEC 60947-5-1))
Max. current load outputs total	[A] 4
Short-circuit proof	yes
Electrically separated	yes
Actuator supply outputs	AUX

Operating conditions

Ambient temperature	[°C] -25...70
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AS-Interface control cabinet module

SmartL25 4DO T C

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]	254
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	no				
AS-i master profile	M2; M3; M4				
AS-i profile	S-8.0.E				
AS-i I/O configuration	[hex]	8			
AS-i ID code	[hex]	0.E			
AS-i certificate	37302				
Data bits	Data bit	D0	D1	D2	D3
	Output	O-1	O-2	O-3	O-4

Mechanical data

Weight	[g]	126
Housing	rectangular	
Type of mounting	Mounting on DIN rail; (TH35 (EN 60715))	
Dimensions	[mm]	93 x 25.4 x 108
Material	PC-GF20	

Displays / operating elements

Display	Switching status	LED, yellow O1...O4
	Power	LED, green AS-i, AUX
	errors	LED, red

Accessories

Accessories (optional)	connector
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Remarks

Pack quantity	1 pcs.
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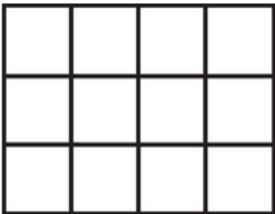
AS-Interface control cabinet module

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Electrical connection

pin header:

Connection



O-	O-	O-	O-
O1	O2	O3	O4
A+	A-	E+	E-

A+	AS-i +
A-	AS-i -
E+	Actuator supply +24V
E-	Actuator supply 0V
O1...O4	Switching output actuator 1...4