

AS-Interface control cabinet module

SmartL25 4DO T C



- 1 panel for labelling
2 addressing socket
3 DIN rail adapter



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]	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; (utilisation category DC-12: 700 mA; utilisation category DC-13 (control of electromagnets): 20 W (IEC 60947-5-1))



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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
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			
Assignment of the data bits	data bit	D0	D1	D2
	Output	O-1	O-2	O-3
				D3
			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
Materials	PC-GF20

Displays / operating elements

Display	switching status	LED, yellow O1...O4
	operation	LED, green AS-i, AUX
	errors	LED, red

Accessories

Accessories (optional)	connectors
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Remarks

Pack quantity	1 pcs.
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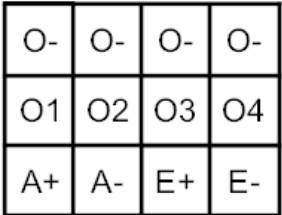
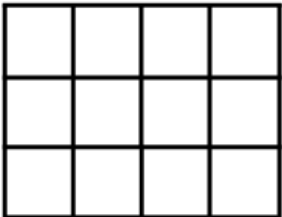
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Electrical connection

pin header:

Connection



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