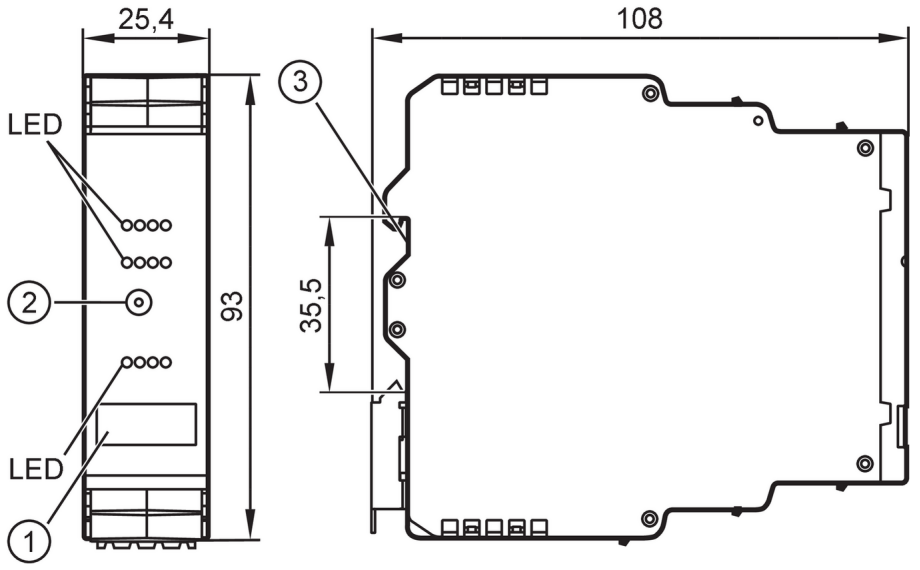
AC2264

AS-Interface control cabinet module

SmartLine25 4DI 3DO T 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]	250
Additional voltage supply	[V]	20...30 DC
Max. current consumption from additional supply	[mA]	3000; (AUX)
Integrated watchdog		yes
Inputs / outputs		
Number of inputs and outputs		Number of digital inputs: 4; Number of digital outputs: 3
Inputs		
Number of digital inputs		4
Input circuit of digital inputs		PNP; (type 2 according to IEC 61131-2)
Sensor supply of the inputs		AS-i
Voltage supply	[V]	18...30; (DC)
Max. total current rating of inputs	[mA]	200
Input current High	[mA]	6...10
Input current Low	[mA]	0...2
Switching level high	[V]	> 11
Digital inputs protected against short circuits		yes

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Outputs		
Number of digital outputs		3
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))
Total current rating of all outputs	[A]	3
Short-circuit proof		yes
Electrically separated		yes
Actuator supply outputs		AUX
Operating conditions		
Ambient temperature	[°C]	-25...70
Note on ambient temperature		the derating of the current load indicated in the operating instructions is to be taken into account at the following ambient temperature: > 60 °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]	182
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-7.A.E
AS-i I/O configuration	[hex]	7
AS-i ID code	[hex]	A.E
AS-i certificate		60701
Assignment of the data bits		data bit: D0 / D1 / D2 / D3 input: I-1 / I-2 / I-3 / I-4 Output: O-1 / O-2 / O-3 / -
Mechanical data		
Weight	[g]	146
Housing		rectangular
Type of mounting		mounting on DIN rail; (TH35 (EN 60715))
Dimensions	[mm]	93 x 25.4 x 108
Materials		PC-GF20

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Displays / operating elements		
Display	switching status	LED, yellow I1...I4, O1....O3
	operation	LED, green AS-i, AUX
	errors	LED, red

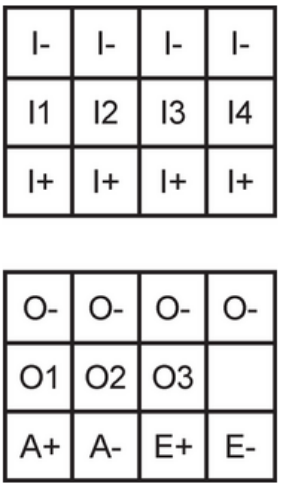
Accessories	
Accessories (optional)	connectors

Remarks	
Remarks	Do not connect any of the following points to an external potential:
	I-, I+, I1, I2, I3, I4
	The connections are electrically connected with the AS-i cable.
Pack quantity	1 pcs.

Electrical connection

pin header:

Connection



A+	AS-i +
A-	AS-i -
I+	Sensor supply +24V
I-	Sensor supply 0V
E+	actuator supply +24V
E-	actuator supply 0V
I1...I4	switching input sensor 1...4
O1...O3	switching output actuator 1...3
O-	switching output actuator 0V