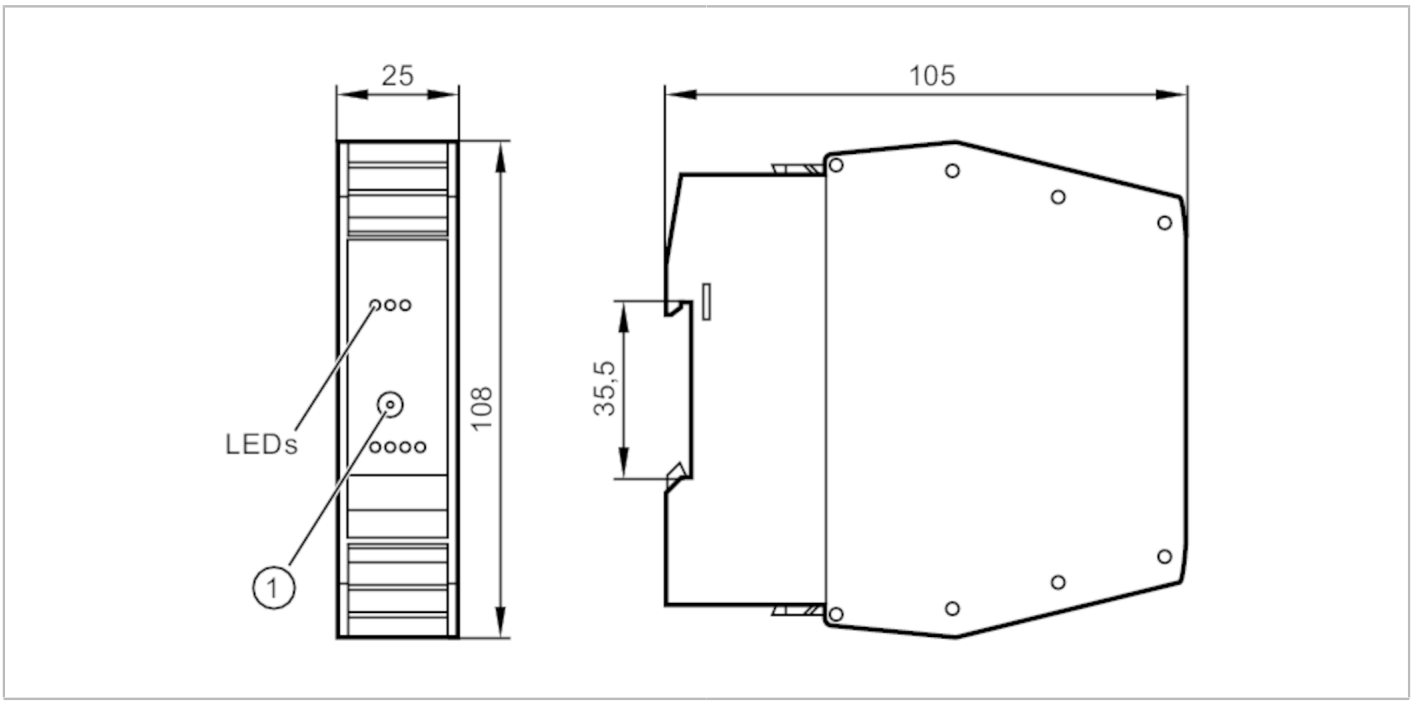
AC2252

AS-Interface control cabinet module

SmartL25 4DO T C



Application		
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
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))
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)

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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 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	D3
		Output	O-1	O-2	O-3	O-4
Mechanical data						
Weight	[g]	126				
Type of mounting		mounting on DIN rail				
Materials		PA				
Displays / operating elements						
Display		switching status	LED, yellow O1...O4			
		operation	LED, green AS-i, AUX			
		errors	LED, red			
Accessories						
Accessories (optional)		connectors				
Remarks						
Pack quantity		1 pcs.				

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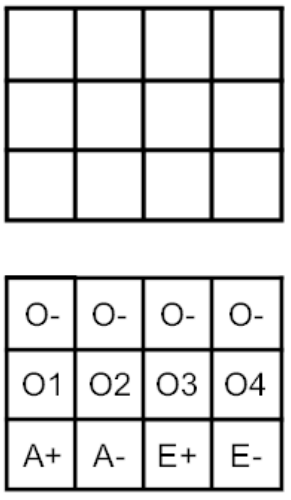
Electrical connection

pin header:

Connection



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