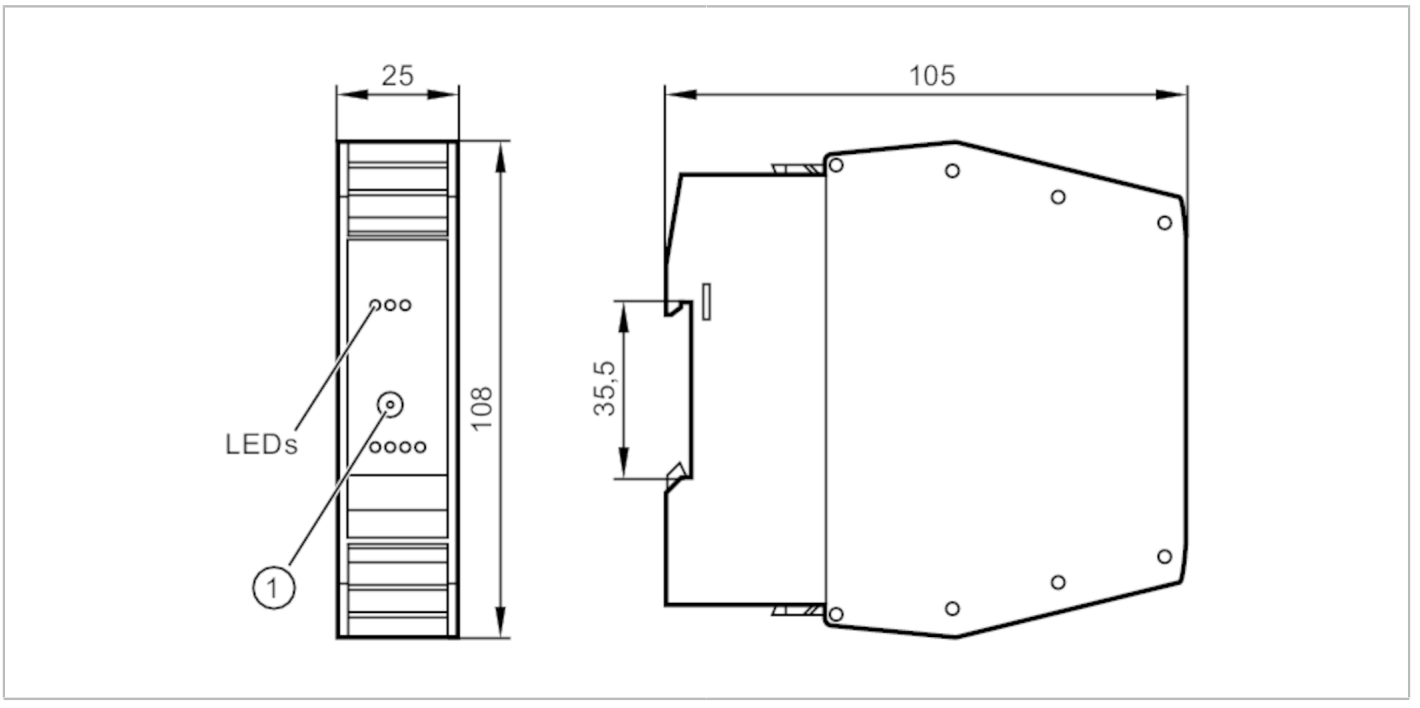
AC2252

AS-Interface control cabinet module

SmartL25 4DO T C



Electrical data		
Operating voltage	[V]	26.5...31.6 DC
Max. current consumption from AS-i	[mA]	50
Max. current load total	[A]	4; (> 50 °C: 2000 mA)
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; (external (E+/E-), to PELV)
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))
Short-circuit proof		yes
Electrically separated		yes
Operating conditions		
Ambient temperature	[°C]	-25...70
Note on ambient temperature		cRUus: -25...60 °C
Protection		IP 20
Tests / approvals		
EMC		EN 50295
MTTF	[years]	254

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AS-i classification						
AS-i version		2.1				
AS-i addressing		addressing socket				
Extended addressing mode possible		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; string mounting possible				
Materials		PA				
Displays / operating elements						
Display		switching status	LED, yellow			
		operation	LED, green			
		errors	LED, red			
Accessories						
Accessories (optional)		COMBICON connectors				
Remarks						
Pack quantity		1 pcs.				

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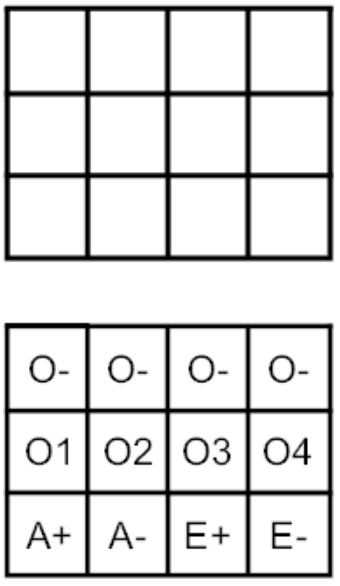
Electrical connection

COMBICON:

Connection



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