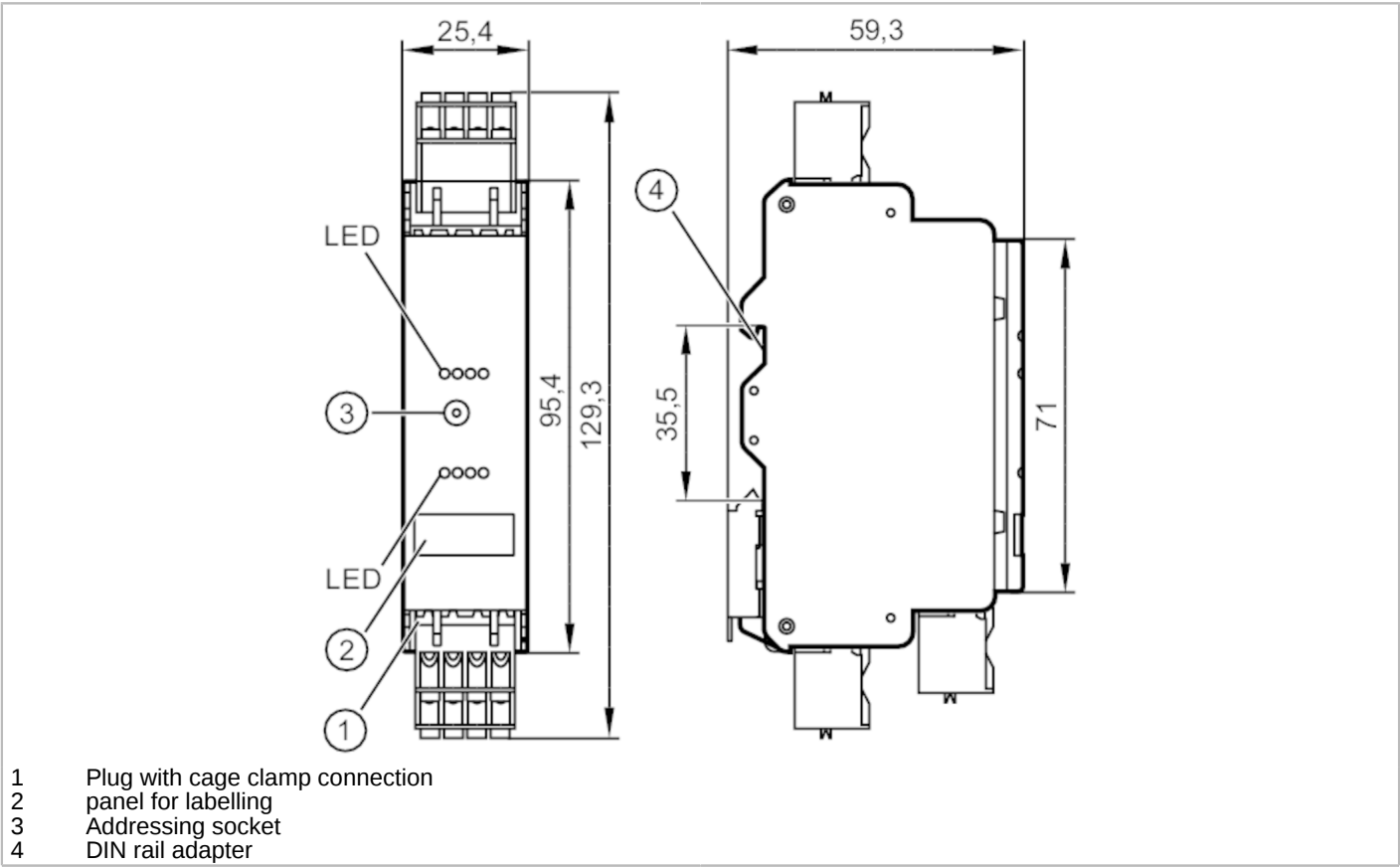




AS-Interface control cabinet module

SmartL25 4 DO T C



Application

Design	housing for DIN rail mounting
Application	I/O modules for control cabinet installations

Electrical data

Operating voltage	[V]	18...31.6 DC
Max. current consumption from AS-i	[mA]	30
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; (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



AS-Interface control cabinet module

SmartL25 4 DO T C

Electrically separated	yes
Actuator supply outputs	AUX
Operating conditions	
Ambient temperature [°C]	-25...65
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: > 45 °C
Storage temperature [°C]	-25...75
Max. relative air humidity [%]	90; (non condensing)
Max. height above sea level [m]	2000
Protection	IP 20
Protection rating terminals	IP 20
Degree of soiling	2
Tests / approvals	
EMC	EN 62026-2
	EN 61000-6-2
	EN 61000-6-3
MTTF [years]	348
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	124403
Data bits	Data bit
	Output
	D0
	D1
	D2
	D3
	O-1
	O-2
	O-3
	O-4
Mechanical data	
Weight [g]	114.8
Housing	rectangular
Type of mounting	Mounting on DIN rail; (TH35 (EN 60715))
Dimensions [mm]	129.3 x 25.4 x 59.3
Material	plastics; PC-GF20
Displays / operating elements	
Display	Switching status
	Power
	errors
	LED, yellow O1...O4
	LED, green AS-i, AUX
	LED, red
Accessories	
Items supplied	cage clamps
Remarks	
Pack quantity	1 pcs.



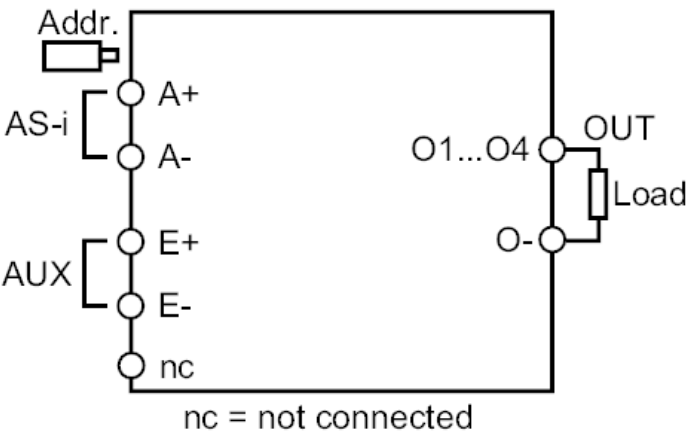
AS-Interface control cabinet module

SmartL25 4 DO T C

Electrical connection

pin headers: 4 x ; Spacing: 5.0 mm

Connection



A+	AS-i +
A-	AS-i -
E+	External voltage supply for actuators +24V (AUX)
E-	External voltage supply for actuators 0V (AUX)
O1...O4	Switching output actuator 1...4
O-	Switching output actuator 0V
n.c.	not used