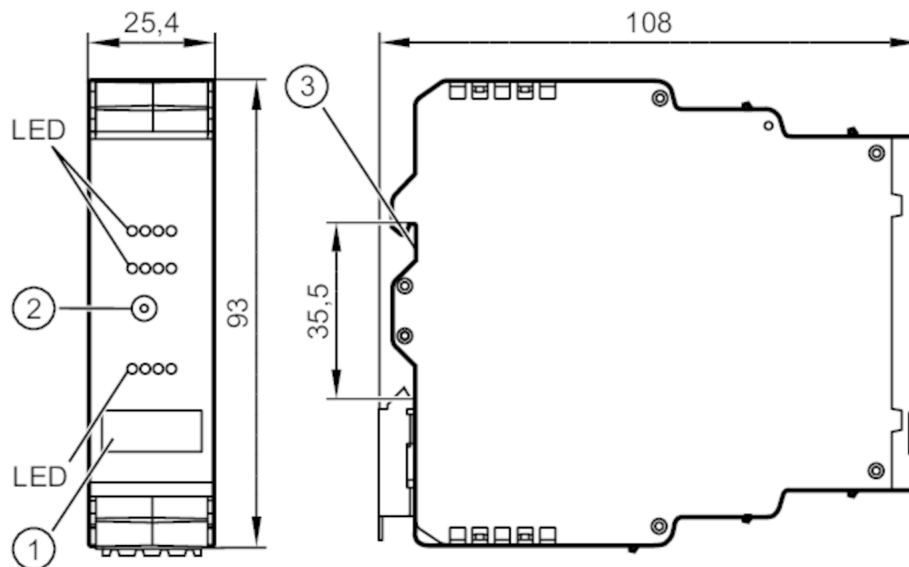


## AS-Interface control cabinet module

SmartL25 4DO T C



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



## Application

Application

I/O modules for control cabinet installations

## 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; (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                                                                                                                        |



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|                         |     |
|-------------------------|-----|
| 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                |
| Degree of soiling               | 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             |     |     |     |     |
| 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 |
| Material         | PC-GF20              |

| Displays / operating elements |                      |
|-------------------------------|----------------------|
| Display                       | Switching status     |
|                               | LED, yellow O1...O4  |
|                               | Power                |
|                               | LED, green AS-i, AUX |
|                               | errors               |
|                               | LED, red             |

| Accessories            |           |
|------------------------|-----------|
| Accessories (optional) | connector |

| Remarks       |        |
|---------------|--------|
| Pack quantity | 1 pcs. |



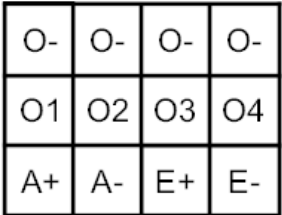
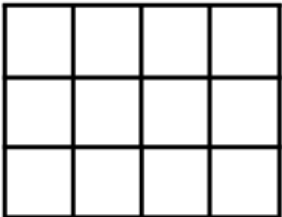
AS-Interface control cabinet module

SmartL25 4DO T C

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 |