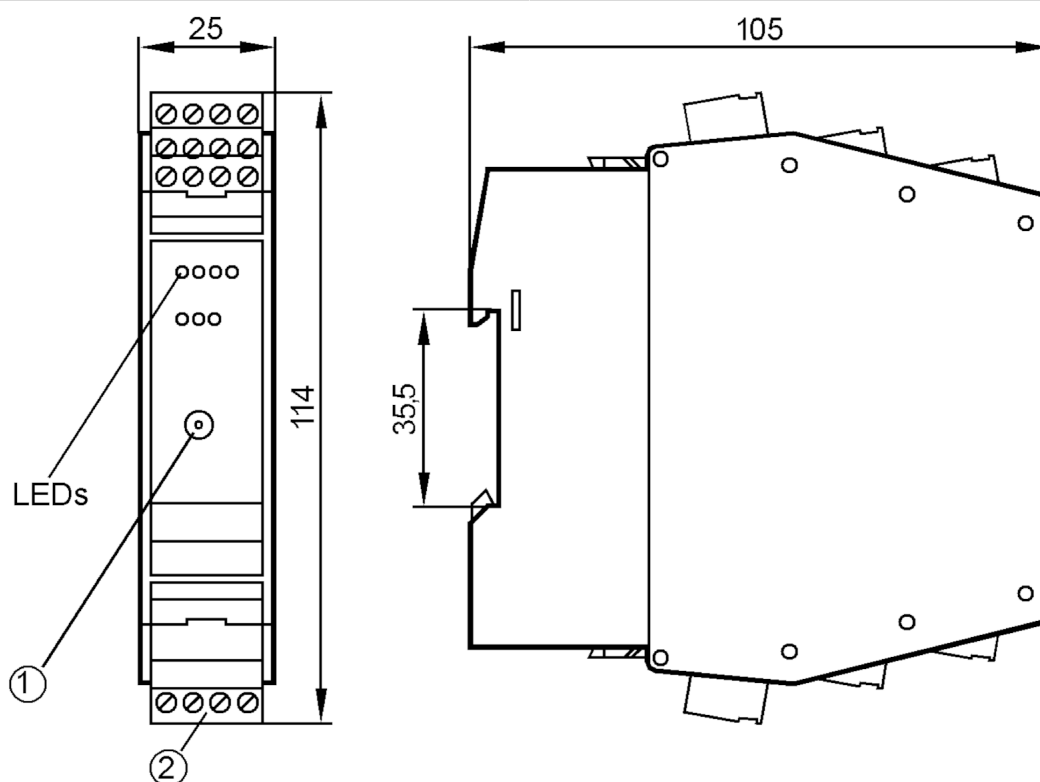




## AS-Interface control cabinet module

SmartL25 4DI C



- 1 addressing socket  
2 COMBICON connector with screw terminals optional



## Electrical data

|                                    |      |                |
|------------------------------------|------|----------------|
| Operating voltage                  | [V]  | 26.5...31.6 DC |
| Max. current consumption from AS-i | [mA] | 50             |

## Inputs / outputs

|                              |                             |
|------------------------------|-----------------------------|
| Number of inputs and outputs | Number of digital inputs: 4 |
|------------------------------|-----------------------------|

## Inputs

|                                                 |      |                           |
|-------------------------------------------------|------|---------------------------|
| Number of digital inputs                        |      | 4                         |
| Input circuit of digital inputs                 |      | PNP                       |
| voltage supply                                  | [V]  | 20...30                   |
| Max. total current rating of inputs             | [mA] | 500                       |
| Input current High                              | [mA] | 6...10                    |
| Input current Low                               | [mA] | 0...2                     |
| Min. switching level high signal                | [V]  | 11                        |
| Digital inputs protected against short circuits |      | yes                       |
| Sensor supply of the inputs                     |      | external (E+/E-), to PELV |



## AS-Interface control cabinet module

SmartL25 4DI C

| 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] | 486                                            |     |             |     |
| AS-i classification               |         |                                                |     |             |     |
| AS-i version                      |         | 2.1                                            |     |             |     |
| AS-i addressing                   |         | addressing socket                              |     |             |     |
| Extended addressing mode possible |         | yes                                            |     |             |     |
| AS-i profile                      |         | S-0.A.E                                        |     |             |     |
| AS-i I/O configuration            | [hex]   | 0                                              |     |             |     |
| AS-i ID code                      | [hex]   | A.E                                            |     |             |     |
| AS-i certificate                  |         | 39402                                          |     |             |     |
| Assignment of the data bits       |         | data bit                                       | D0  | D1          | D2  |
|                                   |         | input                                          | I-1 | I-2         | I-3 |
|                                   |         |                                                |     | D3          | I-4 |
| Mechanical data                   |         |                                                |     |             |     |
| Weight                            | [g]     | 142                                            |     |             |     |
| 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.                                         |     |             |     |



AS-Interface control cabinet module

SmartL25 4DI C

Electrical connection

COMBICON:

Connection

|    |    |    |    |
|----|----|----|----|
| I- | I- | E+ | E- |
| I1 | I2 | I3 | I4 |
| I+ | I+ | I+ | I+ |

|    |    |  |  |
|----|----|--|--|
|    |    |  |  |
|    |    |  |  |
| A+ | A- |  |  |

|         |                              |
|---------|------------------------------|
| A+      | AS-i +                       |
| A-      | AS-i -                       |
| I+      | Sensor supply +24V           |
| I-      | Sensor supply 0V             |
| E+      | external sensor supply +24V  |
| E-      | external sensor supply 0V    |
| I1...I4 | switching input sensor 1...4 |