



AS-Interface control cabinet module

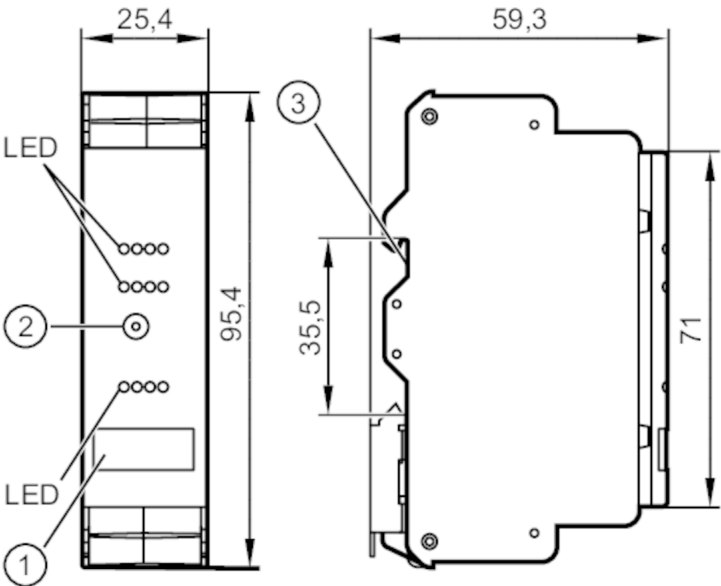
SmartL25 4 DI C

phase-out article

Discontinuation date: 03/31/2026

Alternative articles: AC3202

When selecting an alternative article and accessories please note that technical data may differ!



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



| Application                              |                                        |
|------------------------------------------|----------------------------------------|
| Design                                   | housing for DIN rail mounting          |
| Application                              | Installation in control cabinets       |
| Electrical data                          |                                        |
| Operating voltage [V]                    | 18...31.6 DC                           |
| Max. current consumption from AS-i [mA]  | 250                                    |
| Inputs / outputs                         |                                        |
| Number of inputs and outputs             | Number of digital inputs: 4            |
| Inputs                                   |                                        |
| Number of digital inputs                 | 4                                      |
| Input circuit of digital inputs          | PNP; (type 2 according to IEC 61131-2) |
| Sensor supply of the inputs              | AS-i                                   |
| Power supply [V]                         | 18...30; (DC)                          |
| Max. total current rating of inputs [mA] | 200                                    |
| Input current High [mA]                  | 6...10                                 |
| Input current Low [mA]                   | 0...2                                  |
| Switching level high [V]                 | > 11                                   |



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|                                                 |     |
|-------------------------------------------------|-----|
| Digital inputs protected against short circuits | yes |
|-------------------------------------------------|-----|

## Operating conditions

|                             |      |                      |
|-----------------------------|------|----------------------|
| Ambient temperature         | [°C] | -25...60             |
| 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                |
| Pollution degree            |      | 2                    |

## Tests / approvals

|     |              |  |
|-----|--------------|--|
| EMC | EN 62026-2   |  |
|     | EN 61000-6-2 |  |
|     | EN 61000-6-3 |  |

## AS-i classification

|                             |                   |     |     |     |     |
|-----------------------------|-------------------|-----|-----|-----|-----|
| AS-i version                | 2.11; 3.0         |     |     |     |     |
| AS-i addressing             | addressing socket |     |     |     |     |
| Extended addressing mode    | yes               |     |     |     |     |
| AS-i master profile         | M2; M3; M4        |     |     |     |     |
| AS-i profile                | S-0.A.E           |     |     |     |     |
| AS-i I/O configuration      | [hex]             | 0   |     |     |     |
| AS-i ID code                | [hex]             | A.E |     |     |     |
| AS-i certificate            | 124402            |     |     |     |     |
| Assignment of the data bits | data bit          | D0  | D1  | D2  | D3  |
|                             | input             | I-1 | I-2 | I-3 | I-4 |

## Mechanical data

|                  |                                         |                    |
|------------------|-----------------------------------------|--------------------|
| Weight           | [g]                                     | 101.2              |
| Housing          | rectangular                             |                    |
| Type of mounting | mounting on DIN rail; (TH35 (EN 60715)) |                    |
| Dimensions       | [mm]                                    | 95.4 x 25.4 x 59.3 |
| Materials        | plastics; PC-GF20                       |                    |

## Displays / operating elements

|         |                  |                     |
|---------|------------------|---------------------|
| Display | switching status | LED, yellow I1...I4 |
|         | operation        | LED, green AS-i     |
|         | errors           | LED, red            |

## Accessories

|                        |            |
|------------------------|------------|
| Accessories (optional) | connectors |
|------------------------|------------|

## Remarks

|               |                                                                      |
|---------------|----------------------------------------------------------------------|
| Remarks       | Do not connect any of the following points to an external potential: |
|               | I-, I+, I1, I2, I3, I4                                               |
|               | The connections are electrically connected with the AS-i cable.      |
| Pack quantity | 1 pcs.                                                               |



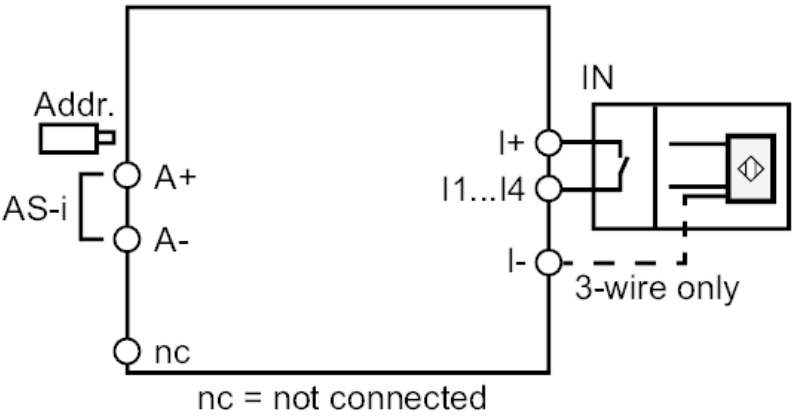
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Electrical connection

pin headers: 4 x ; Spacing: 5.0 mm

Connection



|         |                              |
|---------|------------------------------|
| A+      | AS-i +                       |
| A-      | AS-i -                       |
| I+      | Sensor supply +24V           |
| I-      | Sensor supply 0V             |
| I1...I4 | switching input sensor 1...4 |
| n.c.    | not used                     |