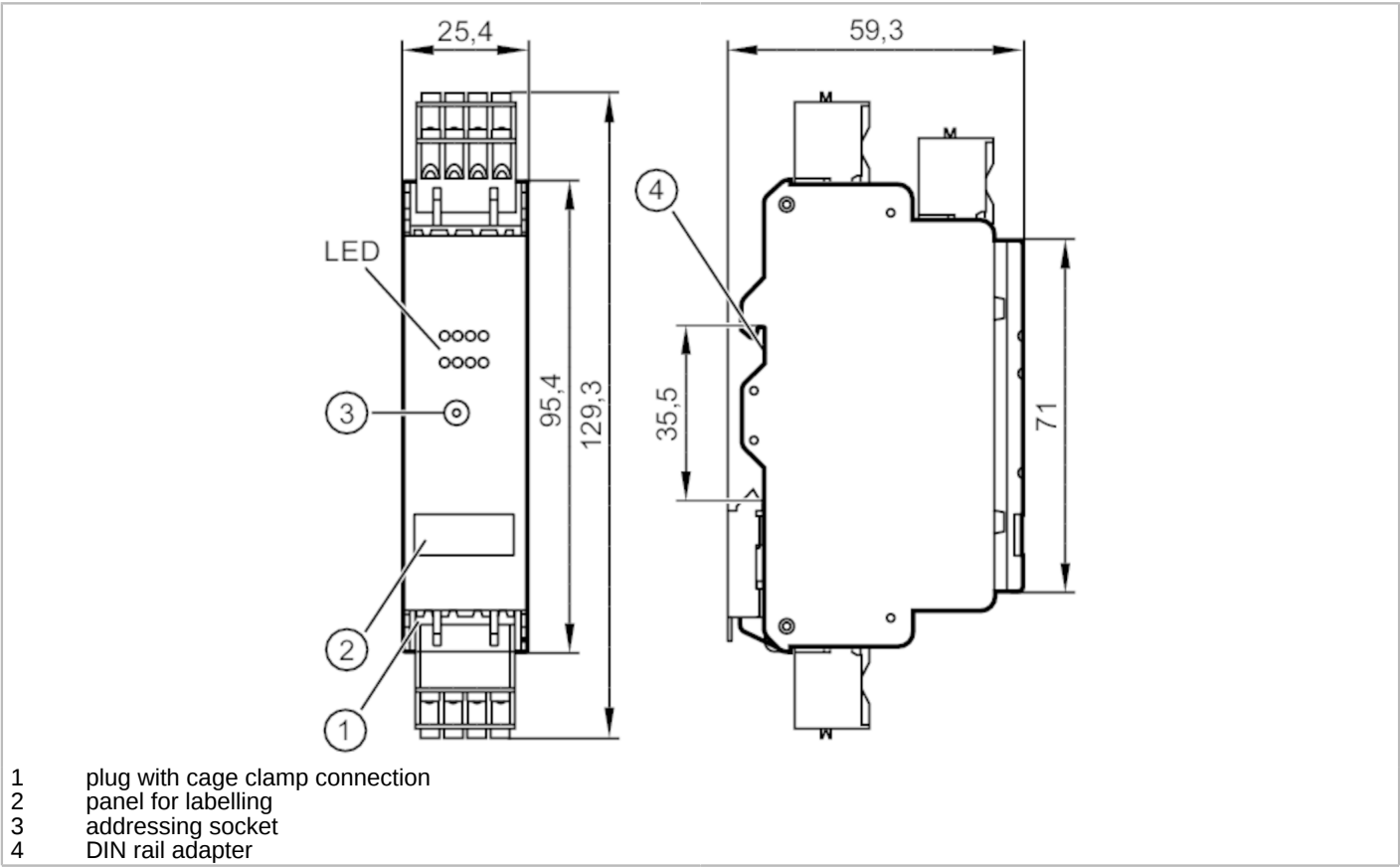




AS-Interface control cabinet module

SmartL25 4 DI AUX T C



| Application                                     |      |                                        |
|-------------------------------------------------|------|----------------------------------------|
| Application                                     |      | Встановлення до шафи керування         |
| 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] | 1100; (AUX)                            |
| 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                     |      | AUX                                    |
| Подача напруги                                  | [V]  | 18...30; (DC AUX)                      |
| Max. total current rating of inputs             | [mA] | 1000                                   |
| 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                                                                                                                                                                                             |     |
| MTTF  | [ANN]                                                                                                                                                                                                    | 336 |
| 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 |     |     |     |     |
| Розширений режим<br>адресації | 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              | 124404            |     |     |     |     |
| Assignment of the data bits   | data bit          | D0  | D1  | D2  | D3  |
|                               | input             | I-1 | I-2 | I-3 | I-4 |

## Mechanical data

|                  |                      |        |
|------------------|----------------------|--------|
| Weight           | [g]                  | 113.75 |
| Type of mounting | mounting on DIN rail |        |
| Materials        | plastics; PC-GF20    |        |

## Displays / operating elements

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

## Аксессуары

|                |             |
|----------------|-------------|
| Items supplied | cage clamps |
|----------------|-------------|

## Remarks

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



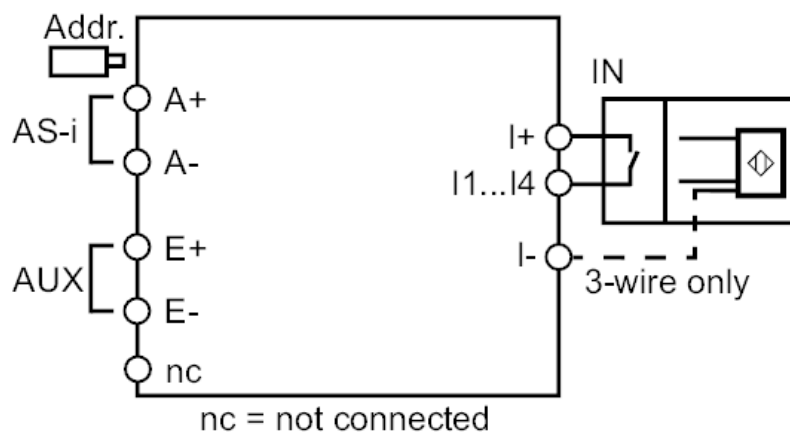
## AS-Interface control cabinet module

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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                                 |
| E+      | external voltage supply for sensors + 24 V (AUX) |
| E-      | external voltage supply for sensors 0 V (AUX)    |
| I1...I4 | switching input sensor 1...4                     |