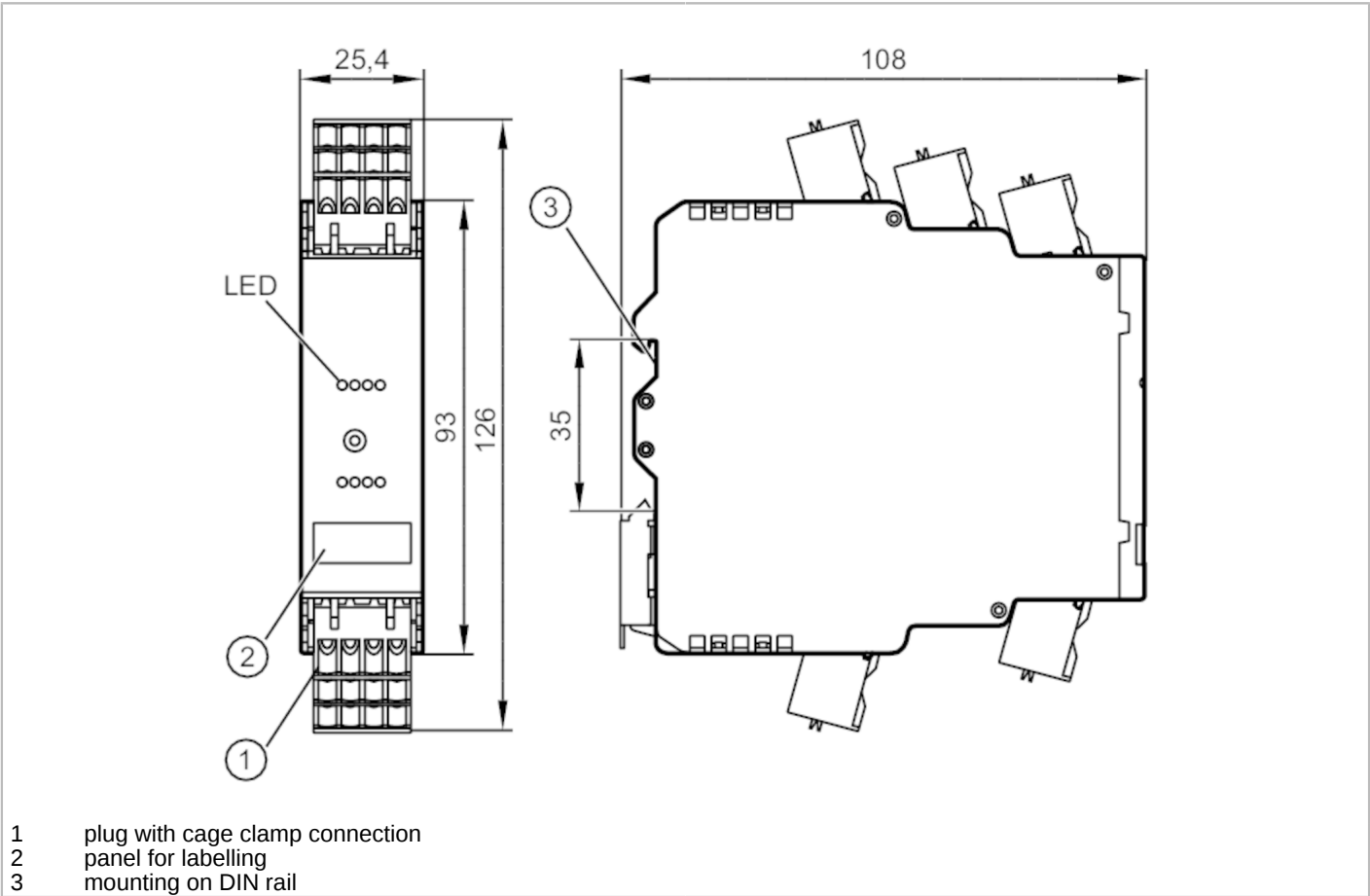




AS-Interface control cabinet module

SmartL25 4 AO (C) C IP20



| Application                                           |                                               |
|-------------------------------------------------------|-----------------------------------------------|
| Application                                           | Встановлення до шафи керування                |
| Electrical data                                       |                                               |
| Operating voltage [V]                                 | 26.5...31.6 DC                                |
| Max. current consumption from AS-i [mA]               | 157                                           |
| Reverse polarity protection                           | yes                                           |
| Additional voltage supply [V]                         | 20...30 DC; (AUX)                             |
| Additional voltage supply                             | optional                                      |
| Max. current consumption from additional supply [mA]  | 550; (AUX)                                    |
| Inputs / outputs                                      |                                               |
| Number of inputs and outputs                          | Number of analogue outputs: 4                 |
| Outputs                                               |                                               |
| Number of analogue outputs                            | 4; (connection of 2-wire or 4-wire actuators) |
| Analogue current output [mA]                          | 0...20                                        |
| Max. load [Ω]                                         | 600                                           |
| Max. voltage drop across load for nominal current [V] | 10                                            |
| Overload protection                                   | yes                                           |



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|                               |                        |
|-------------------------------|------------------------|
| Resolution of analogue output | 16 (1 bit = 1 $\mu$ A) |
| Actuator supply outputs       | AS-i / AUX             |

## Operating conditions

|                             |      |                      |
|-----------------------------|------|----------------------|
| Ambient temperature         | [°C] | 0...70               |
| 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 61000-6-2   |         |
|             | EN 61000-6-4   |         |
| UL approval | подача напруги | Class 2 |

## AS-i classification

|                            |       |                   |
|----------------------------|-------|-------------------|
| AS-i version               |       | 2.11; 3.0         |
| AS-i addressing            |       | addressing socket |
| Розширений режим адресації |       | no                |
| AS-i master profile        |       | M3; M4            |
| AS-i profile               |       | S-7.3.6           |
| AS-i I/O configuration     | [hex] | 7                 |
| AS-i ID code               | [hex] | 3.6               |

## Mechanical data

|                  |     |                      |
|------------------|-----|----------------------|
| Weight           | [g] | 202.1                |
| Type of mounting |     | mounting on DIN rail |
| Materials        |     | PC-GF20              |

## Displays / operating elements

|         |                 |                                |
|---------|-----------------|--------------------------------|
| Display | analogue signal | LED, yellow channels AO1...AO4 |
|         | diagnosis       | LED, yellow                    |
|         | operation       | LED, green AS-i, AUX           |
|         | errors          | LED, red                       |

## Аксессуары

|                |                     |
|----------------|---------------------|
| Items supplied | COMBICON connectors |
|----------------|---------------------|

## Remarks

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



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Electrical connection

pin headers: 4 x ; Spacing: 5.0 mm

Connection

|    |    |    |    |
|----|----|----|----|
| O+ | C1 | O- | 0V |
| O+ | C2 | O- | 0V |
| O+ | C3 | O- | 0V |

|    |    |    |    |
|----|----|----|----|
| 0V | O- | C4 | O+ |
|    |    |    |    |
| A+ | A- | E+ | E- |

|        |                               |
|--------|-------------------------------|
| O+     | actuator supply +24V          |
| C1...4 | analogue output Current       |
| O-     | actuator supply 0V            |
| 0V     | analogue output 0V            |
| A+     | AS-i +                        |
| A-     | AS-i -                        |
| E+     | external actuator supply +24V |
| E-     | external actuator supply 0V   |