

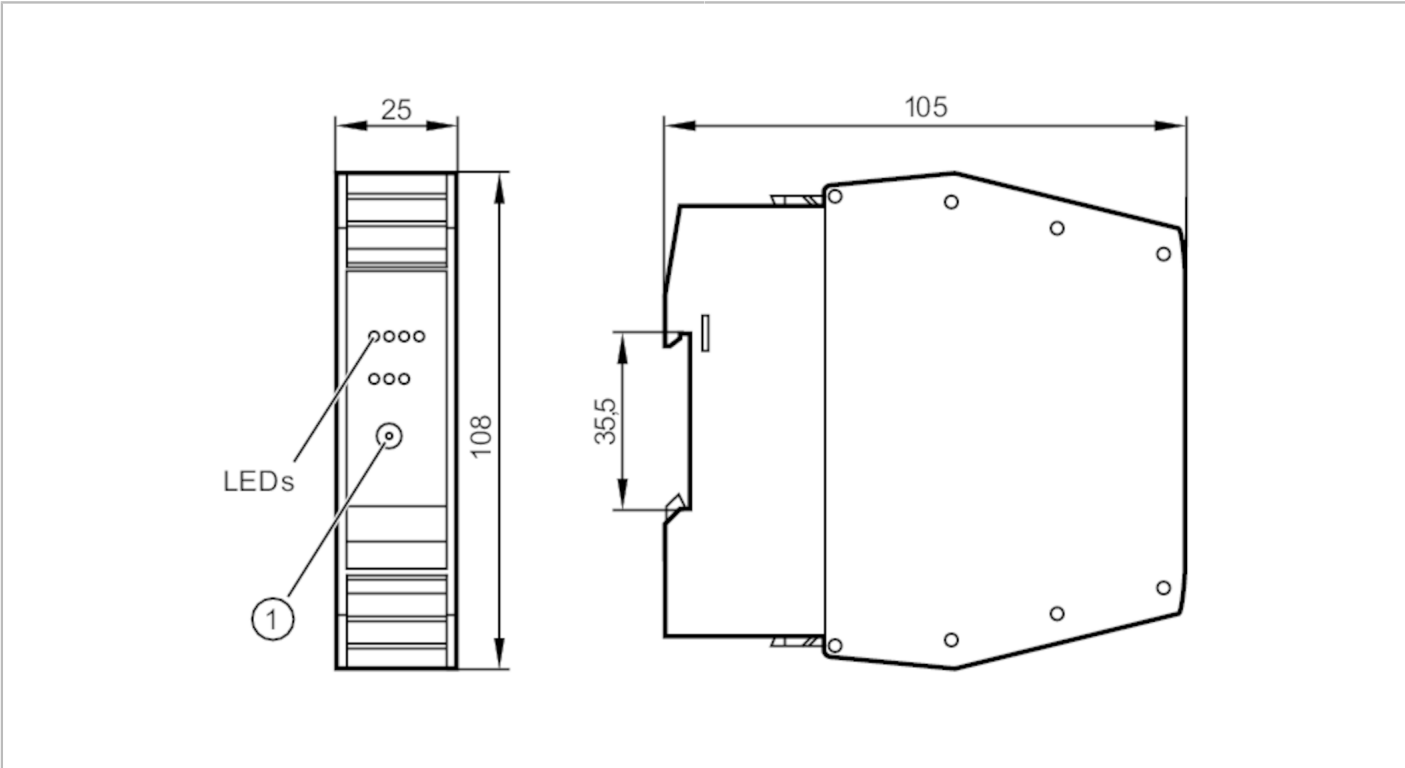


AS-Interface control cabinet module

SmartLine25 4AI (C) C IP20

phase-out article

Alternative articles: AC3216  
When selecting an alternative article and accessories please note that technical data may differ!



| Product characteristics            |      |                                             |
|------------------------------------|------|---------------------------------------------|
| Number of inputs and outputs       |      | Number of analogue inputs: 4                |
| Application                        |      |                                             |
| Application                        |      | Installation in control cabinets            |
| Electrical data                    |      |                                             |
| Operating voltage                  | [V]  | 26.5...31.6 DC; ("supply class 2" to cULus) |
| Current consumption                | [mA] | 10...53; (external supply)                  |
| Max. current consumption from AS-i | [mA] | 53; (with external supply: 28 mA)           |
| Reverse polarity protection        |      | yes                                         |
| Additional voltage supply          | [V]  | 24 DC                                       |
| Additional voltage supply          |      | optional                                    |
| Inputs / outputs                   |      |                                             |
| Number of inputs and outputs       |      | Number of analogue inputs: 4                |
| Inputs                             |      |                                             |
| Sensor supply of the inputs        |      | AS-i / AUX                                  |
| Number of analogue inputs          |      | 4; (Anschluss von 2-, 3-, 4-Draht-Sensoren) |
| Analogue input (current)           | [mA] | 4...20                                      |



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|                                                  |  |                      |                                    |
|--------------------------------------------------|--|----------------------|------------------------------------|
| Analogue inputs protected against short circuits |  | no                   |                                    |
| Resolution of analogue input                     |  | 16 (1 bit = 1 µA)    |                                    |
| Accuracy / deviations                            |  |                      |                                    |
| Measuring error<br>[% of the final value]        |  | 0,5                  |                                    |
| Operating conditions                             |  |                      |                                    |
| Ambient temperature [°C]                         |  | 0...70               |                                    |
| Storage temperature [°C]                         |  | -20...85             |                                    |
| Protection                                       |  | IP 20                |                                    |
| Tests / approvals                                |  |                      |                                    |
| EMC                                              |  | EN 50295             |                                    |
| AS-i classification                              |  |                      |                                    |
| AS-i addressing                                  |  | addressing socket    |                                    |
| Extended addressing mode                         |  | no                   |                                    |
| AS-i master profile                              |  | M3; M4               |                                    |
| AS-i profile                                     |  | S-7.3.E              |                                    |
| AS-i I/O configuration [hex]                     |  | 7                    |                                    |
| AS-i ID code [hex]                               |  | 3.E                  |                                    |
| Mechanical data                                  |  |                      |                                    |
| Weight [g]                                       |  | 167.5                |                                    |
| Type of mounting                                 |  | mounting on DIN rail |                                    |
| Materials                                        |  | PA 6.6               |                                    |
| Displays / operating elements                    |  |                      |                                    |
| Display                                          |  | operation            | LED, green Voltage AS-i / 24 V AUX |
|                                                  |  | errors               | LED, red                           |
|                                                  |  | function             | LED, yellow channels 1...4         |
| Accessories                                      |  |                      |                                    |
| Accessories (optional)                           |  | COMBICON connectors  |                                    |
| Remarks                                          |  |                      |                                    |
| Pack quantity                                    |  | 1 pcs.               |                                    |



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Electrical connection

COMBICON:

Connection

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

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

|        |                             |
|--------|-----------------------------|
| I+     | Sensor supply +24V          |
| C1...4 | analogue input Current      |
| I-     | Sensor supply 0V            |
| 0V     | analogue input 0V           |
| A+     | AS-i +                      |
| A-     | AS-i -                      |
| E+     | external sensor supply +24V |
| E-     | external sensor supply 0V   |