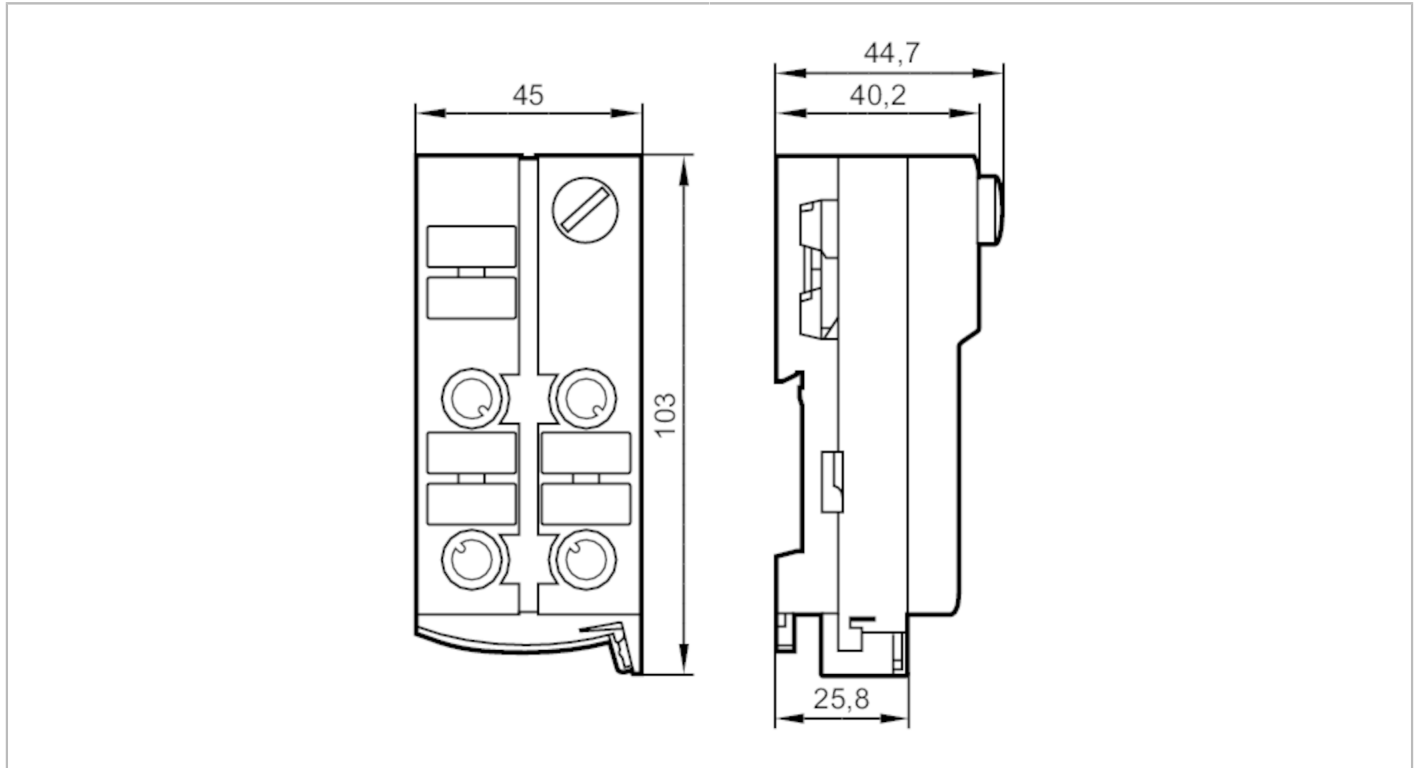


AC5245



AS-Interface ClassicLine module with quick mounting technology

ClassicLine 4DI IP67



| Electrical data | |
|---|---|
| Operating voltage [V] | 26.5...31.6 DC; ("supply class 2" to cULus) |
| 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 |
| Sensor supply of the inputs | AS-i |
| Voltage supply [V] | 18...30 |
| Max. total current rating of inputs [mA] | 200 |
| 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 |
| Operating conditions | |
| Ambient temperature [°C] | -25...70 |
| Protection | IP 67 |



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Tests / approvals

| | | |
|--------------|---------------|-----|
| EMC | EN 50295 | |
| | IEC 61000-6-2 | |
| MTTF [years] | | 406 |

AS-i classification

| | | | | | |
|-----------------------------------|-------------------|-----|-----|-----|-----|
| AS-i version | 2.11 + 3.0 | | | | |
| 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 pending | yes | | | | |
| Assignment of the data bits | data bit | D0 | D1 | D2 | D3 |
| | input | 1 | 2 | 3 | 4 |
| | socket | I-1 | I-2 | I-3 | I-4 |
| | pin | 4 | 4 | 4 | 4 |

Mechanical data

| | |
|------------------|---|
| Weight [g] | 171.5 |
| Type of mounting | AS-i flat cables directly connectable |
| Materials | PA; piercing contacts: CuSn6 nickel-plated and tin-plated |

Displays / operating elements

| | | |
|---------|-----------|-------------|
| Display | operation | LED, green |
| | errors | LED, red |
| | function | LED, yellow |

Accessories

| | |
|------------------------|-----------------------------|
| Accessories (supplied) | lower part |
| Accessories (optional) | Protective cap: M12, E73004 |

Remarks

| | |
|---------------|--|
| Remarks | Do not connect any of the following points to an external potential: I-, I+, I-1/2, I-2, I-3/4, I-4 |
| | The connections are electrically connected with the AS-i cable. |
| Pack quantity | 1 pcs. |

Electrical connection

quick mounting technology for AS-i flat cable: ; three orientations possible

| | Inputs |
|---|------------------|
| 1 | Sensor supply L+ |
| 2 | not used |
| 3 | Sensor supply L- |
| 4 | data input |
| 5 | not used |

Connector: M12

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