

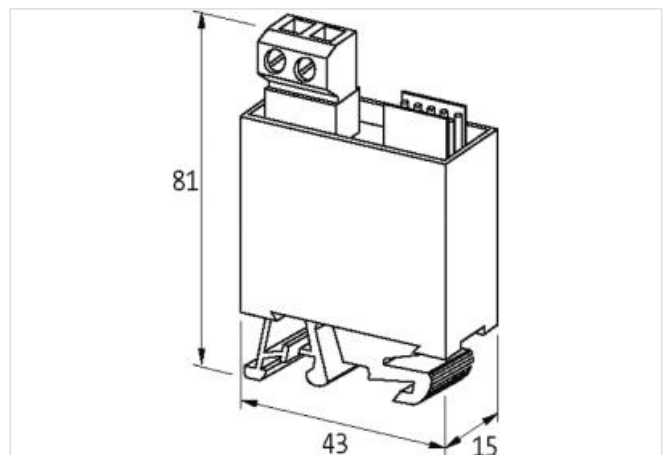
**MASI00 I/O MODULE**

4 digital inputs, 4 digital outputs

Digital inputs/outputs  
DI4/DO4 - 0.2 A (AB)  
IP00

[Link to Product](#)**Illustration**

Product may differ from Image

**Commercial data**

|                       |               |
|-----------------------|---------------|
| ECLASS-6.0            | 27242604      |
| ECLASS-7.0            | 27242604      |
| ECLASS-8.0            | 27242604      |
| ECLASS-9.0            | 27242604      |
| ETIM-5.0              | EC001599      |
| customs tariff number | 85389091      |
| GTIN                  | 4048879050043 |
| Packaging unit        | 1             |

**Electrical data | Supply**

|                                    |        |
|------------------------------------|--------|
| Bus voltage AS-Interface DC min.   | 26,5 V |
| Bus voltage AS-Interface DC max.   | 31,6 V |
| Current consumption AS-i port max. | 250 mA |
| Current consumption max.           | 200 mA |
| Total current max.                 | 0,2 A  |

**Electrical data | Input**

|                                |                       |
|--------------------------------|-----------------------|
| Overload resistant             | yes                   |
| Short-circuit protected        | yes                   |
| Type input                     | for standard switches |
| Current carrying capacity max. | 0,2 A                 |

**Electrical data | Output**

|                                          |       |
|------------------------------------------|-------|
| Switch off time in case of short circuit | 50 ms |
| Overload resistant                       | yes   |
| Short-circuit protected                  | yes   |
| Output current per pin max.              | 0,2 A |

**Industrial communication | Bus data**

|                      |                  |
|----------------------|------------------|
| Address setting type | Plug-in terminal |
|----------------------|------------------|

**Industrial communication | AS-Interface**

|                     |         |
|---------------------|---------|
| Profile (IO.ID.ID2) | S-7.A.7 |
|---------------------|---------|

**Diagnostics**

|                    |                                  |
|--------------------|----------------------------------|
| Diagnostic         | No voltage                       |
| Diagnostic via LED | per module                       |
| LED display        | Ethernet connection/data traffic |

**Installation**

|                               |                     |
|-------------------------------|---------------------|
| Connection cross section min. | 0,2 mm <sup>2</sup> |
| Connection cross section max. | 2,5 mm <sup>2</sup> |

**Installation | Connection**

|            |                         |
|------------|-------------------------|
| Connection | Screw plug-in terminals |
|------------|-------------------------|

**Device protection | Electrical**

|                                     |      |
|-------------------------------------|------|
| Degree of protection (EN IEC 60529) | IP00 |
|-------------------------------------|------|

**Mechanical data | Mounting data**

|                            |                           |
|----------------------------|---------------------------|
| Mounting method            | geschnappt                |
| Suitable for mounting type | mounting rail, (EN 60715) |
| Height                     | 43 mm                     |
| Width                      | 15 mm                     |
| Depth                      | 81 mm                     |

**Environmental characteristics | Climatic**

|                            |        |
|----------------------------|--------|
| Operating temperature min. | 0 °C   |
| Operating temperature max. | 55 °C  |
| Storage temperature min.   | -20 °C |
| Storage temperature max.   | 70 °C  |

**Connection type 2**

|                          |                      |
|--------------------------|----------------------|
| Connection type 1        | Asi Bus              |
| Connection type 2        | I / O                |
| Connection               | Screw terminals SK   |
| Family construction form | terminal             |
| Gender                   | male                 |
| Color contact carrier    | green                |
| No. of poles             | 2                    |
| PIN 1                    | A +                  |
| PIN 2                    | A -                  |
| Connection               | Plug-in terminals RK |
| Family construction form | terminal             |
| Gender                   | male                 |
| Color contact carrier    | black                |
| No. of poles             | 10                   |
| PIN 1                    | 0 V                  |
| PIN 2                    | U +                  |
| PIN 3                    | O 0                  |
| PIN 4                    | I 0                  |
| PIN 5                    | O 1                  |

|        |     |
|--------|-----|
| PIN 6  | I 1 |
| PIN 7  | O 2 |
| PIN 8  | I 2 |
| PIN 9  | O 3 |
| PIN 10 | I 3 |