

## MASI67 I/O MODULE

4 digital inputs, 4 digital outputs

Digital inputs/outputs

DI4 - 1.6 A DO4 - 2 A - 4× M12

Double assignment of M12 females, PIN 2 + 4

Sensor supply from external 24 V DC

Connection cables are in the online shop under "Connection Technology".

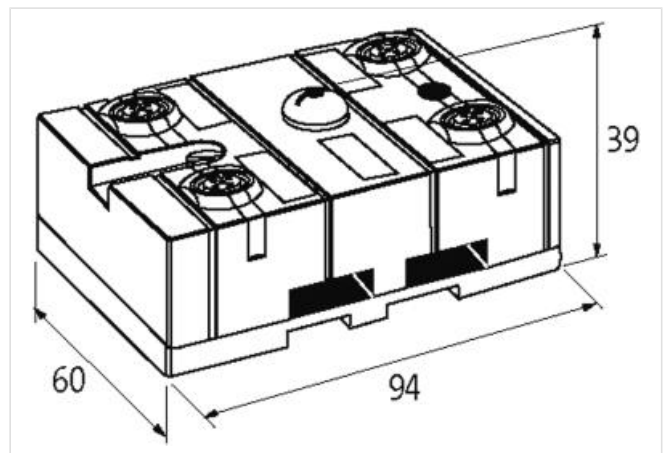
Housing fully potted.

### [Link to Product](#)

#### Illustration



Product may differ from Image



#### Commercial data

|                       |               |
|-----------------------|---------------|
| ECLASS-6.0            | 27242604      |
| ECLASS-6.1            | 27242604      |
| ECLASS-7.0            | 27242604      |
| ECLASS-8.0            | 27242604      |
| ECLASS-9.0            | 27242604      |
| ECLASS-10.1           | 27242604      |
| ECLASS-11.1           | 27242604      |
| ECLASS-12.0           | 27242604      |
| ETIM-5.0              | EC001599      |
| customs tariff number | 85176200      |
| GTIN                  | 4048879049078 |
| Packaging unit        | 1             |

#### Electrical data | Supply

|                                  |            |
|----------------------------------|------------|
| Norm operating voltage           | EN 61131-2 |
| Operating voltage UA DC          | 24 V       |
| Operating voltage UA DC min.     | 18 V       |
| Operating voltage UA DC max.     | 30,2 V     |
| Bus voltage AS-Interface DC min. | 26,5 V     |
| Bus voltage AS-Interface DC max. | 31,6 V     |

The information in this Product-PDF has been compiled with the utmost care.

Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-04-27

Murrelektronik A.S. | Christian August Thorings vei 7 | 4033 Stavanger | Fon +47 32 1790-80 | Fax +47 32 1790-90 | shop@murrelektronik.no | shop.murrelektronik.no

|                                    |       |
|------------------------------------|-------|
| Current consumption AS-i port max. | 50 mA |
|------------------------------------|-------|

|                    |     |
|--------------------|-----|
| Total current max. | 8 A |
|--------------------|-----|

#### Electrical data | Input

|                    |     |
|--------------------|-----|
| Overload resistant | yes |
|--------------------|-----|

|                         |     |
|-------------------------|-----|
| Short-circuit protected | yes |
|-------------------------|-----|

|            |                                                |
|------------|------------------------------------------------|
| Type input | PNP, for 3-wire sensors or mechanical switches |
|------------|------------------------------------------------|

|                                |       |
|--------------------------------|-------|
| Current carrying capacity max. | 1,6 A |
|--------------------------------|-------|

#### Electrical data | Output

|                    |     |
|--------------------|-----|
| Overload resistant | yes |
|--------------------|-----|

|                         |     |
|-------------------------|-----|
| Short-circuit protected | yes |
|-------------------------|-----|

|                             |     |
|-----------------------------|-----|
| Output current per pin max. | 2 A |
|-----------------------------|-----|

#### Industrial communication | Bus data

|                      |                           |
|----------------------|---------------------------|
| Address setting type | Addressing socket, Master |
|----------------------|---------------------------|

|                     |            |
|---------------------|------------|
| Slave address range | (0), 1 ... |
|---------------------|------------|

#### Industrial communication | AS-Interface

|                     |         |
|---------------------|---------|
| Profile (IO.ID.ID2) | S-7.F.E |
|---------------------|---------|

#### Diagnostics

|            |            |
|------------|------------|
| Diagnostic | No voltage |
|------------|------------|

|                    |            |
|--------------------|------------|
| Diagnostic via LED | per module |
|--------------------|------------|

|             |                                  |
|-------------|----------------------------------|
| LED display | Ethernet connection/data traffic |
|-------------|----------------------------------|

#### Installation | Connection

|                              |     |
|------------------------------|-----|
| Double assignment M12 female | yes |
|------------------------------|-----|

#### Device protection | Electrical

|                                     |      |
|-------------------------------------|------|
| Degree of protection (EN IEC 60529) | IP67 |
|-------------------------------------|------|

#### Mechanical data | Mounting data

|                 |                     |
|-----------------|---------------------|
| Mounting method | screwed, geschnappt |
|-----------------|---------------------|

|                            |                           |
|----------------------------|---------------------------|
| Suitable for mounting type | mounting rail, (EN 60715) |
|----------------------------|---------------------------|

|        |       |
|--------|-------|
| Height | 94 mm |
|--------|-------|

|       |       |
|-------|-------|
| Width | 60 mm |
|-------|-------|

|       |       |
|-------|-------|
| Depth | 39 mm |
|-------|-------|

#### Environmental characteristics | Climatic

|                            |        |
|----------------------------|--------|
| Operating temperature min. | -20 °C |
|----------------------------|--------|

|                            |       |
|----------------------------|-------|
| Operating temperature max. | 60 °C |
|----------------------------|-------|

|                          |        |
|--------------------------|--------|
| Storage temperature min. | -20 °C |
|--------------------------|--------|

|                          |       |
|--------------------------|-------|
| Storage temperature max. | 70 °C |
|--------------------------|-------|

#### Connection type 1

|                   |     |
|-------------------|-----|
| Connection type 1 | 0-3 |
|-------------------|-----|

|                          |     |
|--------------------------|-----|
| Family construction form | M12 |
|--------------------------|-----|

|        |        |
|--------|--------|
| Gender | female |
|--------|--------|

|                       |       |
|-----------------------|-------|
| Color contact carrier | black |
|-----------------------|-------|

|        |   |
|--------|---|
| Coding | A |
|--------|---|

|              |   |
|--------------|---|
| No. of poles | 5 |
|--------------|---|

|       |         |
|-------|---------|
| PIN 1 | Usens + |
|-------|---------|

|       |    |
|-------|----|
| PIN 2 | DI |
|-------|----|

|       |         |
|-------|---------|
| PIN 3 | Usens - |
|-------|---------|

|       |    |
|-------|----|
| PIN 4 | DI |
|-------|----|

|       |      |
|-------|------|
| PIN 5 | n.c. |
|-------|------|