



## Features

- ♦ Plug-in module
- ♦ Easy to connect and replace in all MiBRX base modules
- ♦ Configured via Selpro software
- ♦ Spring fit terminals

## Technical Specification

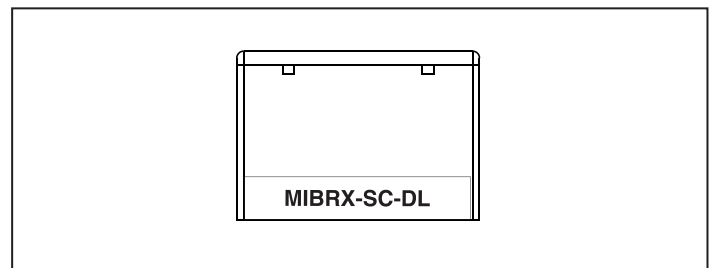
### Input specifications

|                               |                                                 |
|-------------------------------|-------------------------------------------------|
| Memory storage                | 2MB                                             |
| Minimum logging interval time | 10 Sec                                          |
| Maximum no of groups          | 15                                              |
| Endurance                     | 100000 Programs / Erase cycles per page minimum |
| Data retention                | 20 Years                                        |
| In-Built RTC                  | Yes                                             |

### General specifications

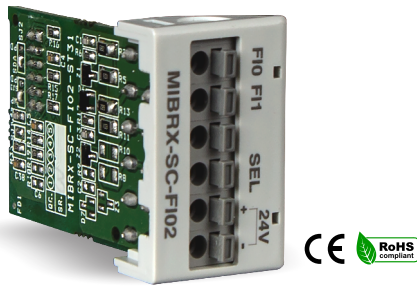
|                               |               |
|-------------------------------|---------------|
| Ambient operating temperature | 0°C to 55°C   |
| Ambient storage temperature   | -20°C to 70°C |
| Humidity                      | 95%           |

### Terminal connection



## Ordering information

| Product code | Description                               | Certification |
|--------------|-------------------------------------------|---------------|
| MIBRX-SC-DL  | MiBRX Slot Card - Datalogging (2MB) & RTC | CE RoHS       |



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## Technical specification

### Input specifications

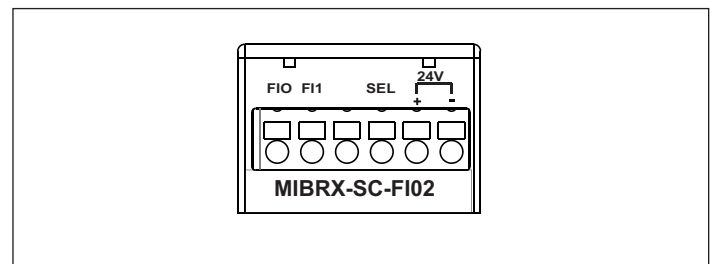
#### Fast Input

|                            |                                                             |
|----------------------------|-------------------------------------------------------------|
| No. of Inputs              | 2 (CH 1)                                                    |
| Input type                 | PNP/NPN Selectable (on Terminal)                            |
| Input voltage              | 10 to 30VDC                                                 |
| Response time              | 10 ms (Selectable through software via debounce parameters) |
| Maximum counting Frequency | 10KHz quad (5KHz)                                           |
| Isolation between Inputs   | 2kV                                                         |

### General specifications

|                               |               |
|-------------------------------|---------------|
| Ambient operating temperature | 0°C to 55°C   |
| Ambient storage temperature   | -20°C to 70°C |
| Humidity                      | 95%           |

### Terminal connection



## Ordering information

| Product code  | Description                                  | Certification     |
|---------------|----------------------------------------------|-------------------|
| MIBRX-SC-FI02 | MiBRX Slot card - 2 Fast inputs (upto 10KHz) | CE RoHS compliant |



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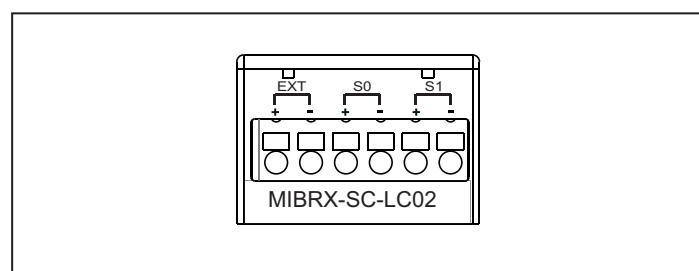
### Input specifications

|                           |                                                                 |
|---------------------------|-----------------------------------------------------------------|
| No. of inputs             | 2                                                               |
| Conversion time           | 25ms to 200ms                                                   |
| Input type                | Differential                                                    |
| Excitation output voltage | 5V DC $\pm$ 10%/50mA (Jumper selection)<br>9V DC $\pm$ 10%/50mA |
| Digital resolution        | 24bits                                                          |

### General specifications

|                               |               |
|-------------------------------|---------------|
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| Ambient storage temperature   | -20°C to 70°C |
| Humidity                      | 95%           |

### Terminal connection



## Ordering information

| Product code  | Description                                                  | Certification |
|---------------|--------------------------------------------------------------|---------------|
| MIBRX-SC-LC02 | MiBRX Slot card<br>- 2 Analog Inputs<br>- Load cell (24 Bit) | CE            |



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## Technical Specification

### Input specifications

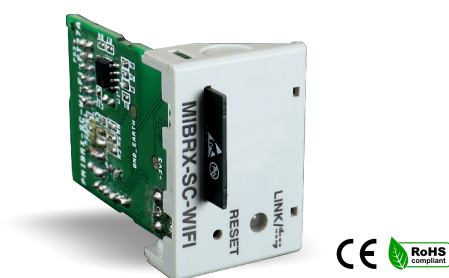
|                                        |                        |
|----------------------------------------|------------------------|
| Digital input                          |                        |
| Mode of communication                  | UART                   |
| Mode of communication with PC (Selpro) | USB (Micro USB B type) |
| Number of ladder that can be stored    | 0-30V                  |
| Self powered                           | Yes                    |
| Isolation between outputs              | 2.5kV                  |

### General specifications

|                               |               |
|-------------------------------|---------------|
| Ambient operating temperature | 0°C to 55°C   |
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| Humidity                      | 95%           |

## Ordering information

| Product code       | Description               | Certification |
|--------------------|---------------------------|---------------|
| <b>MIBRX-SC-PD</b> | MiBRX Portable downloader |               |



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## Technical Specification

### Input specifications

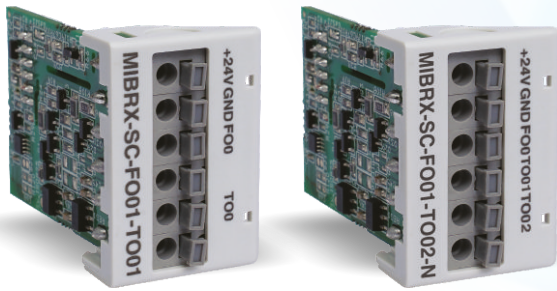
|                       |                                                             |
|-----------------------|-------------------------------------------------------------|
| Transmission distance | Upto 70 meters (in open area without obstructions)          |
| LED type              | Dual LED                                                    |
| Device default access | IP – 192.168.4.1                                            |
| Power consumption     | ≤ 1W                                                        |
| Network mode          | Infrastructure / Ad-Hoc / Infrastructure and Ad-Hoc         |
| Operating channel     | 1-11 (2.4 GHz 802.11)                                       |
| Network protocol      | TCP / IP, DHCP, DNS, MQTT, Payload Rawhex, data format Json |
| Security              | WPA=PSK and WPA2=PSK                                        |

### General specifications

|                               |               |
|-------------------------------|---------------|
| Ambient operating temperature | 0°C to 55°C   |
| Ambient storage temperature   | -20°C to 70°C |
| Humidity                      | 95%           |

## Ordering information

| Product code         | Description            | Certification |
|----------------------|------------------------|---------------|
| <b>MIBRX-SC-WIFI</b> | MiBRX Slot Card - WIFI |               |



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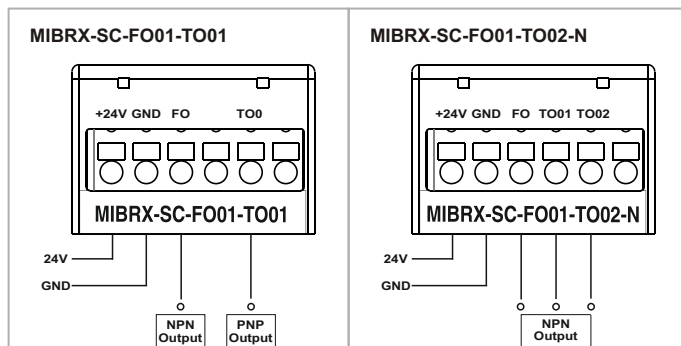


## Technical specifications

| Output specifications fast output           | MIBRX-SC-FO01-TO01                                          | MIBRX-SC-FO01-TO02-N |
|---------------------------------------------|-------------------------------------------------------------|----------------------|
| No. of outputs                              | 1                                                           |                      |
| Output type                                 | NPN                                                         |                      |
| Output current                              | 100mA max per output                                        |                      |
| Output voltage                              | 18 to 30V DC                                                |                      |
| Response time                               | 10 ms (Selectable through software via debounce parameters) |                      |
| Output max frequency                        | Upto 200kHz*                                                |                      |
| Isolation                                   | >2 kV                                                       |                      |
| Transistor output                           |                                                             |                      |
| No. of outputs                              | 1                                                           | 2                    |
| Output type                                 | PNP                                                         | NPN                  |
| Output voltage                              | 18 to 30V DC                                                |                      |
| Response time                               | 10 ms (Selectable through software via debounce parameters) |                      |
| General specifications                      |                                                             |                      |
| Ambient operating temperature               | 0 °C to 55 °C                                               |                      |
| Ambient storage temperature                 | -20 °C to 70 °C                                             |                      |
| Humidity                                    | 95%                                                         |                      |
| *Upto 200kHz note : Fast output conditions: |                                                             |                      |
| Max freq                                    | Condition                                                   |                      |
| 200kHz                                      | Max 1 slot**                                                |                      |
| 100kHz                                      | Max 2 slot**                                                |                      |
| 60kHz                                       | Max 3 slot**                                                |                      |
| 10kHz                                       | Normal condition (3 slots)                                  |                      |

\*\*For > 10kHz, no fast input card should be used together

## Terminal connection



## Ordering information

| Product code         | Description                                                          | Certification |
|----------------------|----------------------------------------------------------------------|---------------|
| MIBRX-SC-FO01-TO01   | MiBRX slot card - 1 fast output (200KHz) & 2 transistor output       | CE RoHS       |
| MIBRX-SC-FO01-TO02-N | MiBRX slot card - 1 fast output (200KHz) & 2 transistor output (NPN) | CE RoHS       |