



### Features

- ◆ Plug-in module
- ◆ Easy to connect and replace in all MiBRX base modules
- ◆ Configured via Selpro software
- ◆ Spring type pluggable terminals

### Technical Specification

#### Input specifications

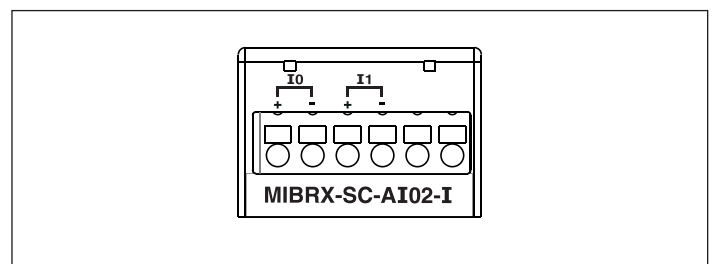
##### Analog input

No. of channels	2
Conversion time	100 ms
Analog Type	Current
Measurement range	0-20mA
Input impedance in signal range	100 Ohms
Analog input error at 25°C	+/-0.25% of full scale
Resolution	2.44mV
Digital resolution	12bits

#### General specifications

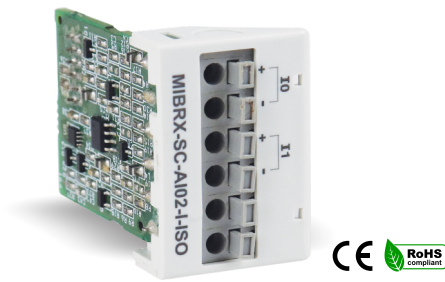
Ambient operating temperature	0°C to 55°C
Ambient storage temperature	-20°C to 70°C
Humidity	95%

#### Terminal connection



### Ordering information

Product code	Description	Certification
MIBRX-SC-AI02-I	MiBRX Slot Card - 2 Analog Inputs - Current	CE



## Features

- ◆ Plug-in module
- ◆ Easy to connect and replace in all MiBRX base modules
- ◆ Configured via Selpro software
- ◆ Spring type pluggable terminals

## Technical Specification

### Input specifications

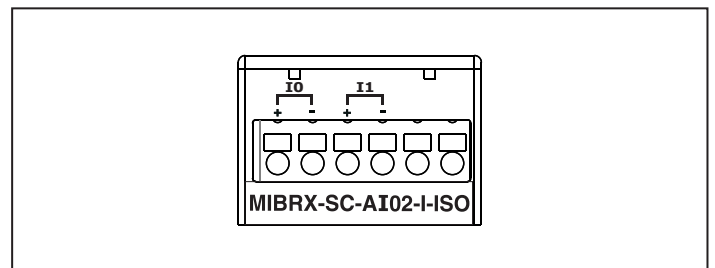
#### Analog input

No of inputs	2
Conversion time	100 ms
Analog Type	Current
Measurement range	0-20mA
Input impedance in signal range	100 Ohms
Analog input error at 25°C	+/-0.25% of full scale
Resolution	2.44mV
Digital resolution	12bits
Isolation between card	1.5kV

### General specifications

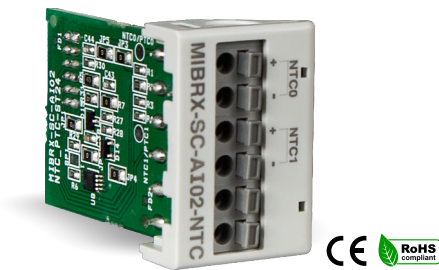
Ambient operating temperature	0°C to 55°C
Ambient storage temperature	-20°C to 70°C
Humidity	95%

### Terminal connection



## Ordering information

Product code	Description	Certification
MIBRX-SC-AI02-I-ISO	MiBRX Slot Card - 2 Analog inputs - Current (Isolated)	CE



**Technical Specification**

**Input specifications**

**Analog input**

No. of channels	2
Conversion time	100 ms
Analog Type	NTC
Measurement range	-40°C to +95°C
Input Impedance in signal range	330K
Analog input error at 25°C	+/-0.25% of full scale +/- 1C
Resolution	0.1 C
Digital resolution	12bits

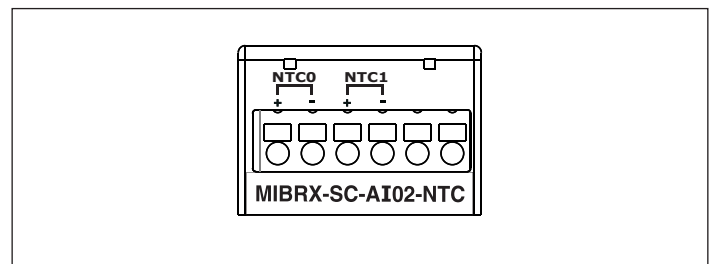
**General specifications**

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

**Features**

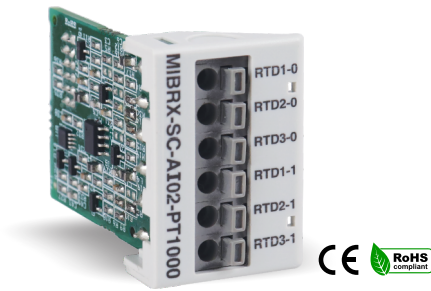
- ◆ Plug-in module
- ◆ Easy to connect and replace in all MiBRX base modules
- ◆ Configured via Selpro software
- ◆ Spring type pluggable terminals

**Terminal connection**



**Ordering information**

Product code	Description	Certification
MIBRX-SC-AI02-NTC	MiBRX Slot Card - 2 Analog Inputs - NTC	CE  RoHS



**Features**

- ◆ Plug-in module
- ◆ Easy to connect and replace in all MiBRX base modules
- ◆ Configured via Selpro software
- ◆ Spring type pluggable terminals

**Technical Specification**

**Input specifications**

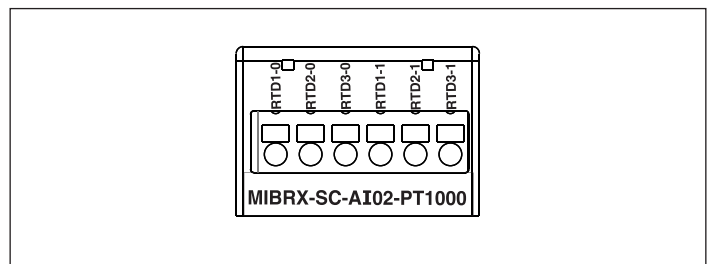
**Analog input**

No. of channels	2
Conversion time	100 ms
Analog Type	PT1000
Measurement range	-100 TO 850 C
Input Impedance in signal range	330K
Analog input error at 25°C	+/-0.25% of full scale +/- 1C
Resolution	0.1 C
Digital resolution	12bits

**General specifications**

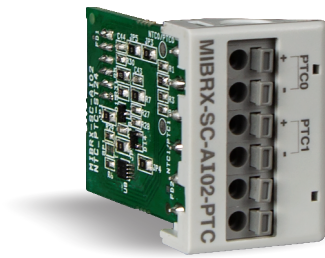
Ambient operating temperature	0°C to 55°C
Ambient storage temperature	-20°C to 70°C
Humidity	95%

**Terminal connection**



**Ordering information**

Product code	Description	Certification
MIBRX-SC-AI02-PT1000	MiBRX Slot Card - 2 Analog Inputs - Pt1000	CE  RoHS



**Features**

- ◆ Plug-in module
- ◆ Easy to connect and replace in all MiBRX base modules
- ◆ Configured via Selpro software
- ◆ Spring type pluggable terminals

**Technical Specification**

**Input specifications**

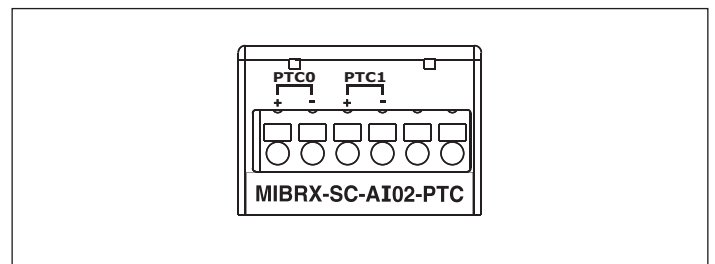
**Analog input**

No. of channels	2
Conversion time	100 ms
Analog Type	PTC
Measurement range	-100 TO 850 C
Input Impedance in signal range	330K
Analog input error at 25°C	+/-0.25% of full scale +/- 1C
Resolution	12bits

**General specifications**

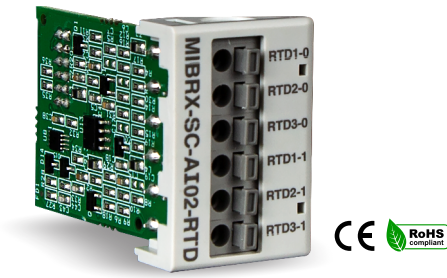
Ambient operating temperature	0°C to 55°C
Ambient storage temperature	-20°C to 70°C
Humidity	95%

**Terminal connection**



**Ordering information**

Product code	Description	Certification
<b>MIBRX-SC-AI02-PTC</b>	MiBRX Slot Card - 2 Analog Inputs - PTC	<b>CE</b>



## Features

- ◆ Plug-in module
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- ◆ Spring type pluggable terminals

## Technical Specification

### Input specifications

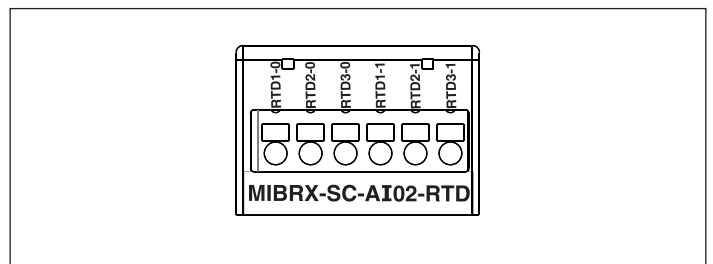
#### Analog input

No. of channels	2
Conversion time	100 ms
Analog Type	RTD
Measurement range	-100 TO 850 C
Input Impedance in signal range	330K
Analog input error at 25°C	+/-0.25% of full scale +/- 1C
Resolution	0.1 C
Digital resolution	12bits


### General specifications

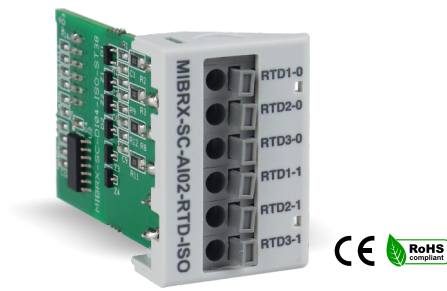
Ambient operating temperature	0°C to 55°C
Ambient storage temperature	-20°C to 70°C
Humidity	95%

### Terminal connection



## Ordering information

Product code	Description	Certification
MIBRX-SC-AI02-RTD	MIBRX Slot Card - 2 Analog Inputs - RTD	CE 



## Features

- ◆ Plug-in module
- ◆ Easy to connect and replace in all MiBRX base modules
- ◆ Configured via Selpro software
- ◆ Spring type pluggable terminals

## Technical Specification

### Input specifications

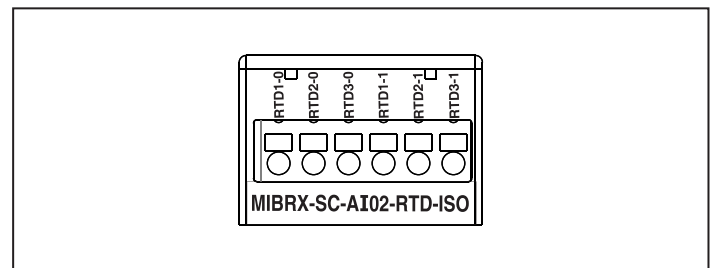
#### Analog input

No of inputs	2
Conversion time	100 ms
Analog Type	RTD
Measurement range	-100 TO 850 C
Input Impedance in signal range	330K
Analog input error at 25°C	+/-0.25% of full scale +/- 1C
Resolution	0.1 C
Digital resolution	12bits
Isolation between card	1.5kV

### 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-AI02-RTD-ISO	MIBRX Slot Card - 2 Analog inputs - RTD (Isolated)	CE



**Features**

- ◆ Plug-in module
- ◆ Easy to connect and replace in all MiBRX base modules
- ◆ Configured via Selpro software
- ◆ Spring type pluggable terminals

**Technical Specification**

**Input specifications**

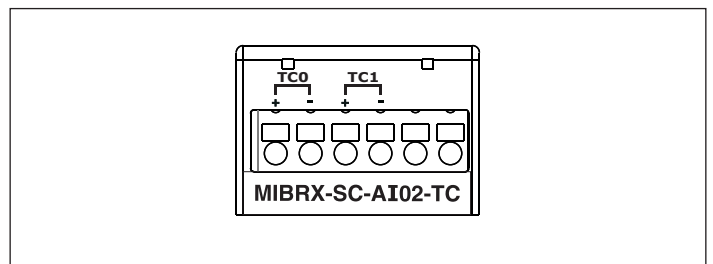
**Analog input**

No. of channels	2
Conversion time	<100 ms
Analog Type	Thermocouple
Sensor type	J, K, T, R, S, C, E, B, N, L, U, W, PLATINEL II, MILLIVOLT (-5 TO 65 mV)
Measurement range	As per sensor selection
Input Impedance in signal range	>330K
Analog input error at 25°C	+/-0.25% of full scale +/- 1C (w.r.t K type)
Resolution	0.039mV (For temp) & 1mV (For mV measurement)
Digital resolution	12bits

**General specifications**

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

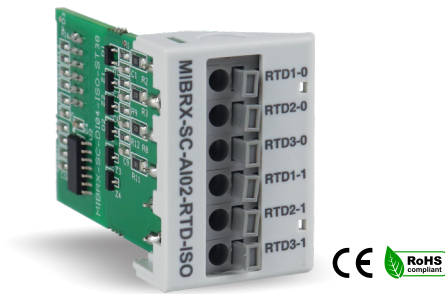
**Terminal connection**



**Ordering information**

Product code	Description	Certification
MIBRX-SC-AI02-TC	MiBRX Slot Card - 2 Analog Inputs - Thermocouple	CE





### Features

- ◆ Plug-in module
- ◆ Easy to connect and replace in all MiBRX base modules
- ◆ Configured via Selpro software
- ◆ Spring type pluggable terminals

### Technical Specification

#### Input specifications

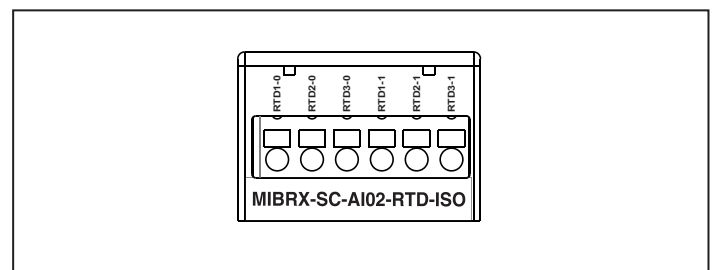
##### Analog input

No. of inputs	2
Conversion time	100 ms
Analog Type	Thermocouple
Sensor type	J, K, T, R, S, C, E, B, N, L, U, W, PLATINEL II, MILLIVOLT (-5 TO 65 mV)
Measurement range	As per sensor selection
Input Impedance in signal range	330K
Analog input error at 25°C	+/-0.25% of full scale +/- 1C (w.r.t K type)
Resolution	0.039mV (For temp) & 1mV (For mV measurement)
Digital resolution	12bits
Isolation between card	1.5kV

#### General specifications

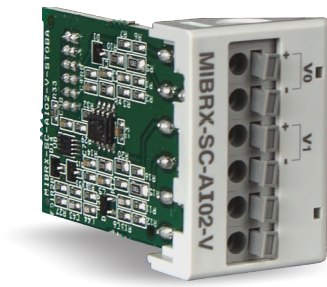
Ambient operating temperature	0°C to 55°C
Ambient storage temperature	-20°C to 70°C
Humidity	95%

#### Terminal connection



### Ordering information

Product code	Description	Certification
<b>MIBRX-SC-AI02-TC-ISO</b>	MiBRX Slot Card - 2 Analog inputs - Thermocouple (Isolated)	<b>CE</b> <b>RoHS</b> compliant



### Features

- ◆ Plug-in module
- ◆ Easy to connect and replace in all MiBRX base modules
- ◆ Configured via Selpro software
- ◆ Spring type pluggable terminals

### Technical Specification

#### Input specifications

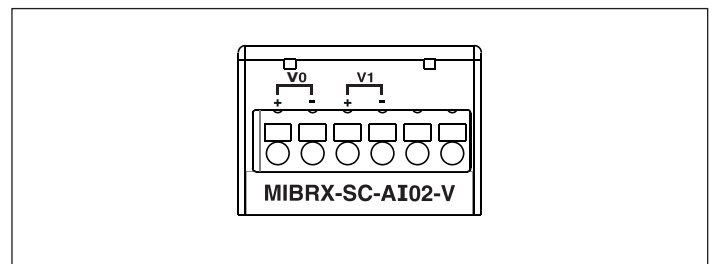
##### Analog input

No. of channels	2
Conversion time	100 ms
Analog Type	Voltage
Measurement range	0-10V (DC)
Input Impedance in signal range	330k
Analog input error at 25°C	+/-0.25% of full scale
Resolution	2.44mV
Digital resolution	12bits

#### General specifications

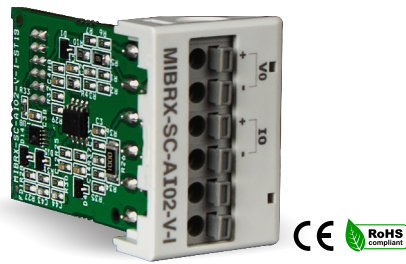
Ambient operating temperature	0°C to 55°C
Ambient storage temperature	-20°C to 70°C
Humidity	95%

#### Terminal connection



### Ordering information

Product code	Description	Certification
MIBRX-SC-AI02-V	MiBRX Slot Card - 2 Analog Inputs - Voltage	CE



### Features

- ◆ Plug-in module
- ◆ Easy to connect and replace in all MiBRX base modules
- ◆ Configured via Selpro software
- ◆ Spring type pluggable terminals

### Technical Specification

#### Input specifications

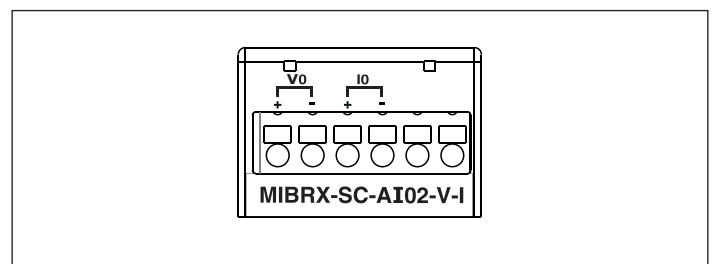
##### Analog input

No. of channels	2 (1 for Voltage & 1 for Current)
Conversion time	100 ms
Analog Type	Voltage / Current
Measurement range	0-20mA (DC) / 0-10V (DC)
Input Impedance in signal range	330KΩ for voltage / 100Ω for current
Analog input error at 25°C	2mA for Current / 2.44mV for Voltage
Resolution	0.039mV (For temp) / 1mV (For mV measurement)
Digital resolution	12bits

#### General specifications

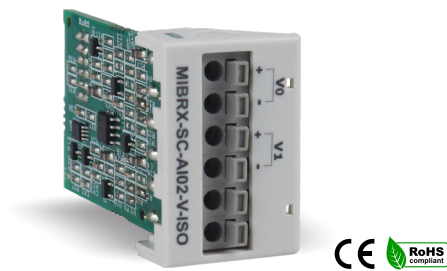
Ambient operating temperature	0°C to 55°C
Ambient storage temperature	-20°C to 70°C
Humidity	95%

#### Terminal connection



### Ordering information

Product code	Description	Certification
MiBRX-SC-AI02-V/I	MiBRX Slot Card - 2 Analog Inputs - 1 Voltage & 1 Current	CE



### Features

- ◆ Plug-in module
- ◆ Easy to connect and replace in all MiBRX base modules
- ◆ Configured via Selpro software
- ◆ Spring type pluggable terminals

### Technical Specification

#### Input specifications

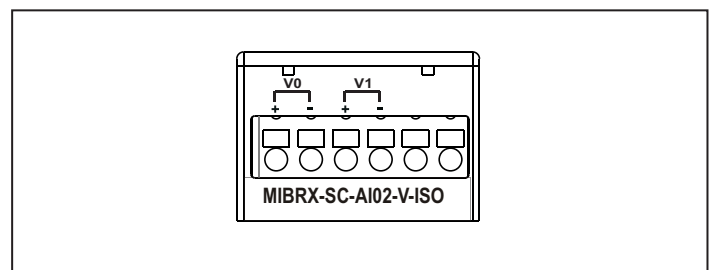
##### Analog input

No. of inputs	2
Conversion time	100 ms
Analog Type	Voltage
Measurement range	0-10V (DC)
Input Impedance in signal range	330k
Analog input error at 25°C	+/-0.25% of full scale
Resolution	2.44mV
Digital resolution	12bits
Isolation between card	1.5kV

#### General specifications

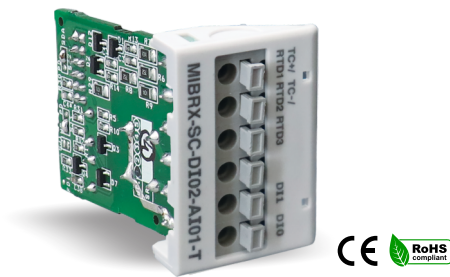
Ambient operating temperature	0°C to 55°C
Ambient storage temperature	-20°C to 70°C
Humidity	95%

#### Terminal connection



### Ordering information

Product code	Description	Certification
MIBRX-SC-AI02-V-ISO	MiBRX Slot Card - 2 Analog inputs - Voltage (Isolated)	CE



## Features

- ◆ Plug-in module
- ◆ Easy to connect and replace in all MiBRX base modules
- ◆ Configured via Selpro software
- ◆ Spring type pluggable terminals

## Technical Specification

### Input specifications

#### Digital input

No. of inputs	2
Input type	PNP
Input voltage	5-30V DC
Input current	100mA
Debounce time	10ms
Response time	10ms
Maximum counting frequency	Standard DI Mode -50Hz

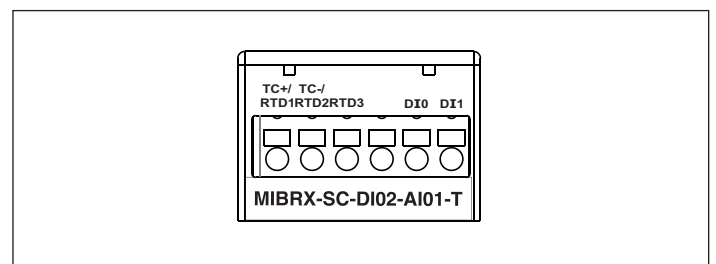
#### Analog input

Analog Type	Thermocouple
Sensor type	J, K, T, R, S, C, E, B, N, L, U, W, PLATINEL II, MILLIVOLT (-5 TO 65 mV)
Measurement range	As per sensor selection
Input Impedance in signal range	330K
Analog input error at 25°C	+/-0.25% of full scale +/- 1C (w.r.t K type)
Resolution	0.039mV (For temp) & 1mV (For mV measurement)
Digital resolution	12bits

#### 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-DI02-AI01-T	MiBRX Slot Card - 2 Digital Inputs & 1 Analog Input - TC/RTD	CE