Digital Inputs

Features:

- Plug-in Module
- Flexible I/O Card Selection for customized applications
- Easy integration and replacement across all MiBRX base modules
- Equipped with spring-clamp terminals for secure and tool-free wiring
- Windows-Based Software for configuration in Ladder Programming

CE RoHS compliant

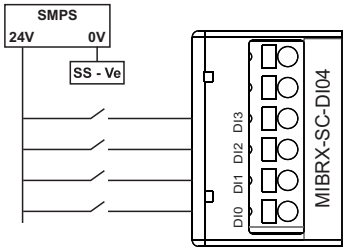
Technical specifications

Input specifications	MiBRX-SC-DI04*	MiBRX-SC-DI04-ISO	MiBRX-SC-DI05-230V-AC	MiBRX-SC-DI06*	MiBRX-SC-DI06-ISO-N	MiBRX-SC-DI06-AC
No. of Inputs	4		5	6		
Input Type	PNP				PNP / NPN (Via Jumper selection)	PNP
Voltage Range	5 - 30V DC		90 - 265V AC	5 - 30V DC	PNP - 5 - 30V DC NPN - 0 - 4V DC	5 -30V AC
Input Current	5.5mA @24V					
Debounce Time	Programmable 1 – 255 ms (Default: 10 ms)					
Isolation (Power ↔ Input)	No	Yes	No	No	Yes	No
Isolation (CPU ↔ Input)	No	Yes	No	No	Yes	Yes
Protection against Polarity Inversion	No	No	Yes	Yes	No	Yes
Timer Accuracy	0.1% or 2 ms (Whichever Greater)					
Response Time	Typical 1 mSec (Based on ladder scan time)					
Environmental Specifications						
Operating Temp	0°C to 55°C					
Storage Temp Humidity	–20°C to 70°C					
Humidity	10% to 95% RH (Non-condensing)					
IP rating	Terminals: IP20					
Mechanical Specifications						
Weight	10 grams					
Mounting	Pluggable					
Terminal	Fixed, Spring fit*					
Dimensions in mm (WHD)	35 x 25 x 45					
Auxiliary Supply Specifications						
Supply Voltage	10 grams					

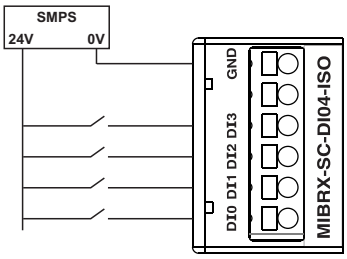
Note :
1. *Refer to the IO card and base module compatibility guidelines to ensure effective and valid IO card combinations.*
2. *Use of RO and AO cards are limited in 230VAC variants. Mixed usages for RO/AO limits are auto-managed in Selpro settings or refer to product manual for details*
3. **Pluggable terminal variants available*

Terminal connection

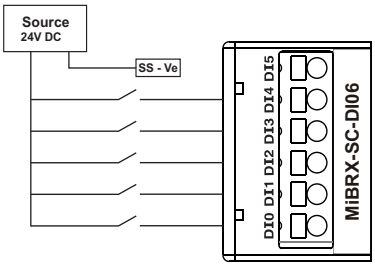
MiBRX-SC-DI04 / MiBRX-SC-DI04-P



MiBRX-SC-DI04-ISO

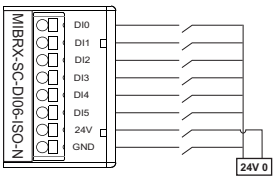


MiBRX-SC-DI06 / MiBRX-SC-DI06-P

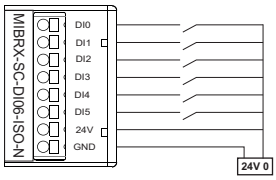


MiBRX-SC-DI06-ISO-N

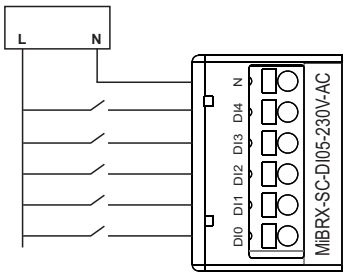
For NPN (NPN Jumper Selection)



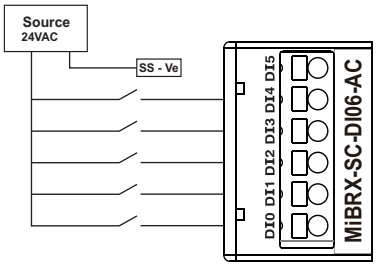
For PNP (PNP Jumper Selection)



MiBRX-SC-DI05-230V-AC



MiBRX-SC-DI06-AC



Ordering information

Product code	Description	Certification
MiBRX-SC-DI04	MiBRX Slot Card - 4 Digital Inputs	CE RoHS
MiBRX-SC-DI04-P	MiBRX Slot Card - 4 Digital Inputs, With Pluggable Terminals	CE RoHS
MiBRX-SC-DI04-ISO	MiBRX Slot Card - 4 Digital Inputs (Isolated)	CE RoHS
MiBRX-SC-DI05-230V-AC	MiBRX Slot Card - 5 Digital Inputs 230V (AC)	CE RoHS
MiBRX-SC-DI06	MiBRX Slot Card - 6 Digital Inputs	CE RoHS
MiBRX-SC-DI06-P	MiBRX Slot Card - 6 Digital Inputs, With Pluggable Terminals	CE RoHS
MiBRX-SC-DI06-ISO-N	MiBRX Slot Card - 6 Digital Inputs (Isolated PNP / NPN)	CE RoHS
MiBRX-SC-DI06-AC	MiBRX Slot Card - 6 Digital Inputs (24V AC)	CE RoHS

Digital Outputs

Features :

- Plug-in Module
- Flexible I/O Card Selection for customized applications
- Easy integration and replacement across all MiBRX base modules
- Equipped with spring-clamp terminals for secure and tool-free wiring
- Windows-Based Software for configuration in Ladder Programming

CE RoHS compliant

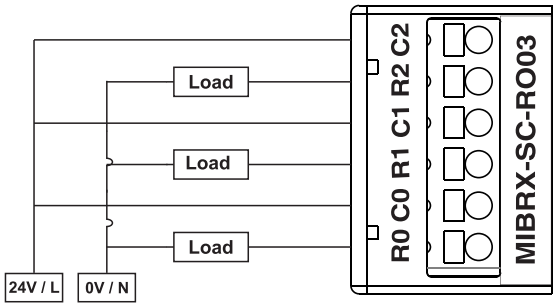
Technical specifications

Digital Output Specifications	MiBRX-SC-RO02-10A-P	MiBRX-SC-RO03*	MiBRX-SC-RO04*	MiBRX-SC-RO04-12V	MiBRX-SC-RO05	MiBRX-SC-TO04*
No. of Inputs	2 (NO) type Relay, 2 Common Lines)	3 (NO) type Relay, 3 Common Lines)	4 (NO) type Relay, 2 Common Lines)		5 (NO) type Relay, 1 Common Lines)	4 Transistorized
Contact / Output Rating	10A @ 250V AC (resistive load), 10A @ 30V DC (resistive load)	5A @ 250V AC (resistive load), 5A @ 30V DC (resistive load)			1.5A @ 250V AC 3(resistive load), 1.5A @ 30V DC (resistive load)	100mA @ 24V DC (current sourcing output), 18 – 30V DC (External Supply)
Relay / Output Type	SPST					PNP (Source)
Isolation (CPU ↔ Output)	2.5 kV					2.5 kV
Isolation (Output ↔ Output)	NA					No
Short Circuit Protection	-					Yes
Polarity Inversion Protection	-					Yes
Response Time	20 ms					10 ms
Mechanical Life	5 Million Operations					-
Nominal Load	-					240Ω (likely referring to the typical load resistance)
Breaking Current	-					110mA (maximum current that can be interrupted)
Environmental Specifications						
Operating Temp	0°C to 55°C					
Storage Temp	–20°C to 70°C					
Humidity	10% to 95% RH (Non-condensing)					
IP rating	Terminals: IP20					
Mechanical Specifications						
Weight	10 grams					
Mounting	Pluggable					
Terminal	Fixed, Spring fit*					
Dimensions in mm (WHD)	35 x 25 x 45					
Auxiliary Supply Specifications						
Supply Voltage	Self Powered					

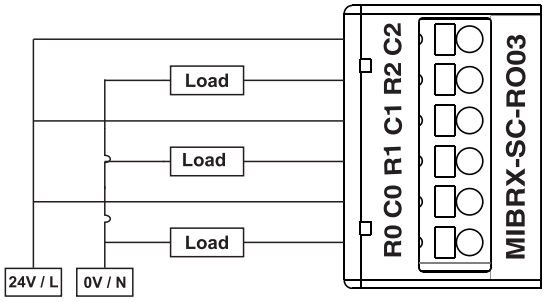
Note :
1. Refer to the IO card and base module compatibility guidelines to ensure effective and valid IO card combinations.
2. Use of RO and AO cards are limited in 230VAC variants. Mixed usages for RO/AO limits are auto-managed in Selpro settings or refer to product manual for details
*3. *Pluggable terminal variants available*

Terminal connection

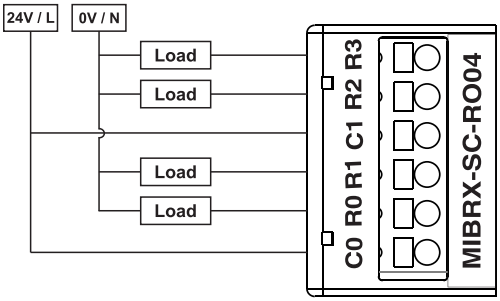
MiBRX-SC-RO02-10A-P



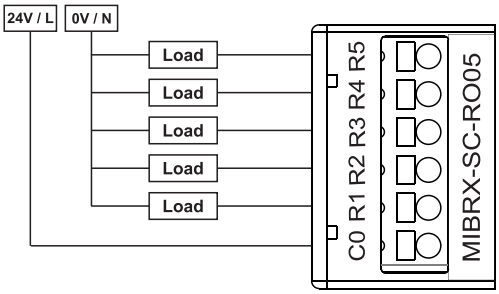
MiBRX-SC-RO03 / MiBRX-SC-RO03-P



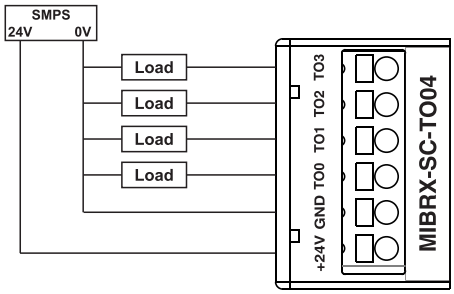
MiBRX-SC-RO04 / MiBRX-SC-RO04-P / MiBRX-SC-RO04-12V



MiBRX-SC-RO05



MiBRX-SC-TO04 / MiBRX-SC-TO04-P



Ordering information

Product code	Description	Certification
MiBRX-SC-RO02-10A-P	MiBRX Slot Card - 2 Relay Outputs, With Pluggable Terminals	CE RoHS
MiBRX-SC-RO03	MiBRX Slot Card - 3 Relay Outputs	CE RoHS
MiBRX-SC-RO03-P	MiBRX Slot Card - 3 Relay Outputs, With Pluggable Terminals	CE RoHS
MiBRX-SC-RO04	MiBRX Slot Card - 4 Relay Outputs	CE RoHS
MiBRX-SC-RO04-P	MiBRX Slot Card - 4 Relay Outputs, With Pluggable Terminals	CE RoHS
MiBRX-SC-RO04-12V	MiBRX Slot Card - 4 Relay Output (12V)	CE RoHS
MiBRX-SC-RO05	MiBRX Slot Card - 5 Relay Outputs (1.5 A)	CE RoHS
MiBRX-SC-TO04	MiBRX Slot Card - 4 Transistor Outputs	CE RoHS
MiBRX-SC-TO04-P	MiBRX Slot Card - 4 Transistor Outputs, With Pluggable Terminals	CE RoHS

Features:

- Plug-in Module
- Flexible I/O Card Selection for customized applications
- Easy integration and replacement across all MiBRX base modules
- Equipped with spring-clamp terminals for secure and tool-free wiring
- Windows-Based Software for configuration in Ladder Programming

Technical specifications

Input specifications	MiBRX-SC-FI02	MiBRX-SC-DI02-TO02	MiBRX-SC-DI02-RO03	MiBRX-SC-DI02-AI01-T	MiBRX-SC-FO01-TO02-N
No. of Inputs	2	2			-
Input Type	PNP / NPN (Jumper selection)	PNP			-
Voltage Range	PNP - 5 - 30V DC NPN - 0 - 4V DC	5 - 30V DC			-
Input Current	5.5mA @24V				-
Debounce Time	Programmable 1 - 255 ms (Default: 10 ms)				-
Isolation (Power ↔ Input)	Yes				-
Isolation (CPU ↔ Input)	Yes				-
Protection against Polarity Inversion	No				-
Timer Accuracy	0.1% or 2 ms (Whichever Greater)				-
Response Time	Typical 1 mSec (Based on ladder scan time)				-
Fast Input					
No. of Channels	1 (FC0 - DI0 & DI1)	-			
Max Speed	10 kHz	-			
Operating Mode	Unidirectional / Bidirectional / Quadrature / Dual Uni (10 kHz for all) / None	-			
Analog Input Specifications					
No. of Channels	-			1 Input	-
Input Type	-			J, K, T, R, S, C, E, B, N, L, U, W, PLTNL, mVolt (-5 to 65mV), RTD	-
Accuracy	-			0.25% ± 1°C (TC), 0.1% ±1°C (RTD) at 25°C	-
Resolution	-			12 bit	-
Conversion Time	-			TC - 100ms, RTD - 300ms	-
Linearity	-			0.10%	-
Max Non-Destructive Input	-			NA	-
Isolation (Power ↔ Input)	-			Yes	-
Isolation (CPU ↔ Input)	-			No	-
Channel-to-Channel Isolation	-			No	-

Reverse Polarity Protection	-			TC - Yes, RTD - N/A	-
Input Impedance	-			TC - >330KΩ, RTD - >510KΩ	-
Digital Output Specifications					
No. of Outputs	-	2 Transistorized	3 (NO) type Relay, 1 Common Lines)	-	2 Transistorized
Contact / Output Rating	-	100mA @ 24V DC (current sourcing output), 18 - 30V DC (External Supply)	5A @ 250V AC (resistive load), 5A @ 30V DC (resistive load)	-	100mA @ 24V DC (current sourcing output), 18 – 30V DC (External Supply)
Relay / Output Type	-	PNP (Source)	SPST	-	NPN (Source)
Isolation (CPU ↔ Output)	-	2.5 kV		-	2.5 kV
Isolation (Output ↔ Output)	-	NA			NA
Short Circuit Protection	-	Yes	-	-	Yes
Polarity Inversion Protection	-	Yes	-	-	Yes
Response Time	-	10 ms	20 ms	-	10 ms
Mechanical Life	-	-	5 Million Operations	-	-
Nominal Load	-	240Ω (likely referring to the typical load resistance)	-	-	240Ω (likely referring to the typical load resistance)
Breaking Current	-	110mA (maximum current that can be interrupted)	-	-	110mA (maximum current that can be interrupted)
Fast Output					
No. of Channels	-				1
Max Speed	-				Upto 200KHz*
Operating Mode	-				PWM / Pulse Output / PTO

***Note:** Max frequency depends on slot usage – 200kHz (1 slot), 100kHz (2 slots), 60kHz (3 slots); under normal 3-slot conditions, max is 10kHz (*no fast input card should be used above 10kHz).*

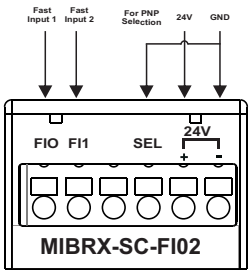
Environmental Specifications	
Operating Temp	0°C to 55°C
Storage Temp	-20°C to 70°C
Humidity	10% to 95% RH (Non-condensing)
IP rating	Terminals: IP20
Mechanical Specifications	
Weight	10 grams
Mounting	Pluggable
Terminal	Fixed, Spring fit*
Dimensions in mm (WHD)	35 x 25 x 45
Auxiliary Supply Specifications	
Supply Voltage	Self Powered

Note:
1. Refer to the IO card and base module compatibility guidelines to ensure effective and valid IO card combinations.
2. Use of RO and AO cards are limited in 230VAC variants. Mixed usages for RO/AO limits are auto-managed in Selpro settings or refer to product manual for details
*3. *Pluggable terminal variants available*

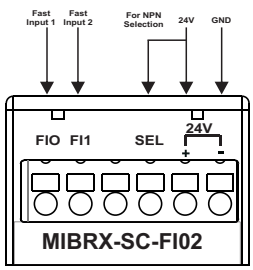
Terminal connection

MiBRX-SC-FI02

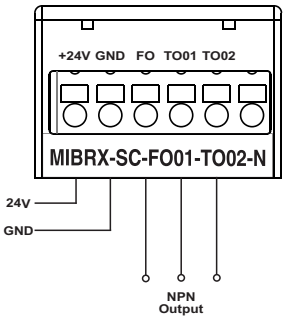
For PNP Selection



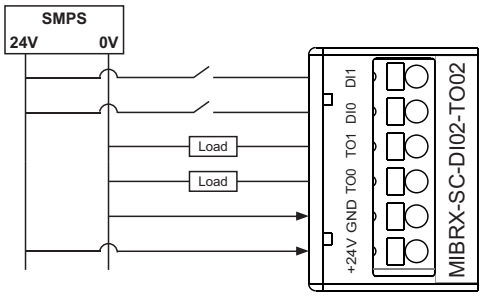
For NPN Selection



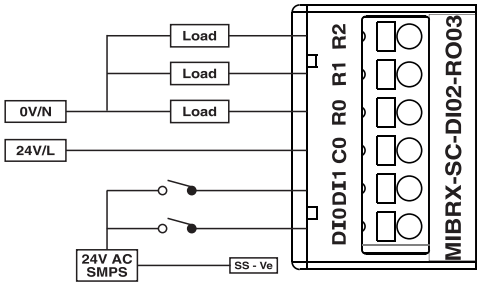
MiBRX-SC-FO01-TO02-N



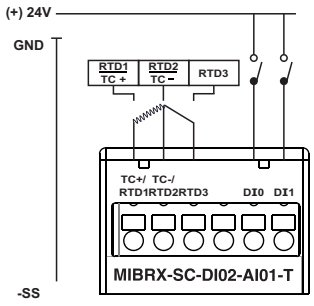
MiBRX-SC-DI02-TO02



MiBRX-SC-DI02-RO03



MiBRX-SC-DI02-AI01-T



Ordering information

Product code	Description	Certification
MiBRX-SC-FI02	MiBRX Slot Card - 2 Fast Inputs (10KHz)	CE RoHS
MiBRX-SC-DI02-TO02	MiBRX Slot Card - 2 Digital Inputs & 2 Transistor Outputs	CE RoHS
MiBRX-SC-DI02-RO03	MiBRX Slot Card - 2 Digital Inputs & 3 Relay Outputs	CE RoHS
MiBRX-SC-DI02-AI01-T	MiBRX Slot Card - 2 Digital Inputs & 1 Analog Input - TC/RTD	CE RoHS
MiBRX-SC-FO01-TO02-N	MiBRX Slot Card - 1 Fast Output (200KHz) & 2 Transistor Output (NPN)	CE RoHS

Features:

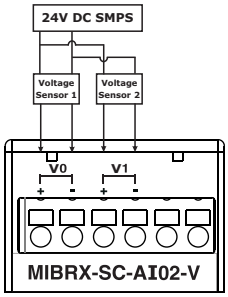
- Plug-in module
- Flexible I/O Card Selection for customized applications
- Easy integration and replacement across all MiBRX base modules
- Equipped with spring-clamp terminals for secure and tool-free wiring
- Windows-Based Software for configuration in Ladder Programming

Technical specifications

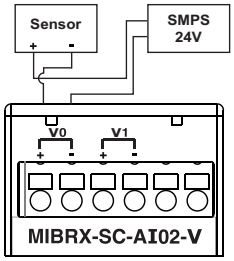
Input Specifications	MiBRX-SC-AI02-V	MiBRX-SC-AI02-V-ISO	MiBRX-SC-AI03-V-ISO	MiBRX-SC-AI02-I	MiBRX-SC-AI02-I-ISO	MiBRX-SC-AI03-I-ISO	MiBRX-SC-AI02-V-I
No. of channels	2		3	2		3	2
Input type	0-10V			0-20mA			Input 1 - 0-10V, Input 2 - 0-20mA
Accuracy	±0.25% of FS, ±1 count for AI's						
Resolution	12 bits						
Conversion time	0-10V - 100ms, 0-20mA - 100ms						
Linearity	0.10%						
Max Non-Destructive Input	AIV= 17V, AII=31mA						
Isolation (Power ↔ Input)	Yes						
Isolation (CPU ↔ Input)	N0	Yes		N0	Yes		N0
Channel-to-Channel Isolation	N0						
Reverse Polarity Protection	0-10V - YES, 0-20mA - YES						
Input Impedance	0-10V - >330KΩ, 0-20mA - >100Ω						
Environmental Specifications							
Operating Temp	0°C to 55°C						
Storage Temp	–20°C to 70°C						
Humidity	10% to 95% RH (Non-condensing)						
IP rating	Terminals: IP20						
Mechanical Specifications							
Weight	10 grams						
Mounting	Pluggable						
Terminal	Fixed, Spring fit*						
Dimensions in mm (WHD)	35 x 25 x 45						
Auxiliary Supply Specifications							
Supply Voltage	Self Powered						

Terminal connection

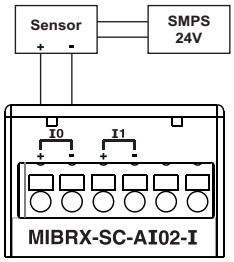
MiBRX-SC-AI02-V / MiBRX-SC-AI02-V-P
For 4 wire sensor



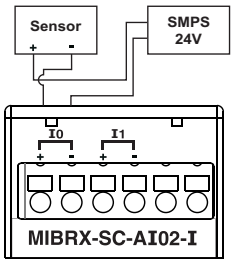
MiBRX-SC-AI02-V-ISO
For 2 wire sensor



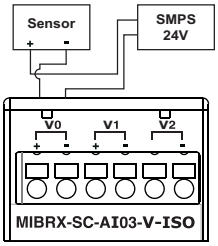
MiBRX-SC-AI02-I / MiBRX-SC-AI02-I-P
For 4 wire sensor



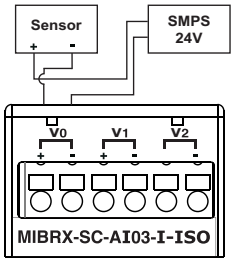
MiBRX-SC-AI02-I-ISO
For 2 wire sensor



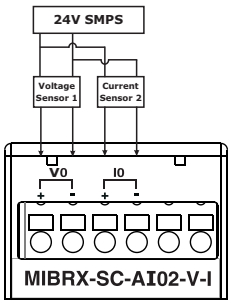
MiBRX-SC-AI03-V-ISO
For 3 wire sensor



MiBRX-SC-AI03-I-ISO
For 3 wire sensor



MiBRX-SC-AI02-V-I

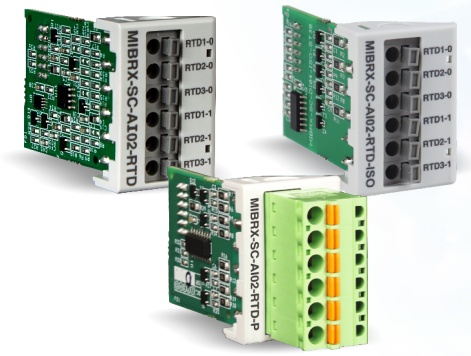


Ordering information

Product code	Description	Certification
MiBRX-SC-AI02-V	MiBRX slot card - 2 Analog Inputs - Voltage	CE RoHS
MiBRX-SC-AI02-V-P	MiBRX Slot Card - 2 Analog Inputs - Voltage, With Pluggable Terminals	CE RoHS
MiBRX-SC-AI02-V-ISO	MiBRX Slot Card - 2 Analog Inputs - Voltage (Isolated)	CE RoHS
MiBRX-SC-AI03-V-ISO	MiBRX Slot Card - 3 Analog Inputs - Voltage (Isolated)	CE RoHS
MiBRX-SC-AI02-I	MiBRX Slot Card - 2 Analog Inputs - Current	CE RoHS
MiBRX-SC-AI02-I-P	MiBRX Slot Card - 2 Analog Inputs - Current, With Pluggable Terminals	CE RoHS
MiBRX-SC-AI02-I-ISO	MiBRX Slot Card - 2 Analog Inputs - Current (Isolated)	CE RoHS
MiBRX-SC-AI03-I-ISO	MiBRX Slot Card - 3 Analog Inputs - Current (Isolated)	CE RoHS
MiBRX-SC-AI02-V-I	MiBRX Slot Card - 2 Analog Inputs - 1 Voltage & 1 Current	CE RoHS

MIBRX IO Card

MiBRX™-SC-AI02-RTD



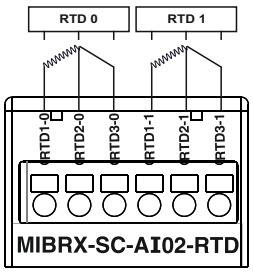
Features :

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

Technical specifications

Input specifications	MIBRX-SC-AI02-RTD	MIBRX-SC-AI02-RTD-P	MIBRX-SC-AI02-RTD-ISO
Connector type	Fixed	Pluggable	Fixed
No. of channels	2		
Sensor type	PT100		
Measurement range (DC)	As per sensor selection		
Type of input	Non-diffrential		Diffrential
Resolution	0.1 °C		
Digital resolution	12 bits		
Input impedance in signal range (Ohms)	>510K		
Analog input error at 25 °C	±0.25% of full scale ±1 °C		
Non linearity	±0.25% of full scale ±1 °C		
Conversion time	<100mS		
Channel isolation	Yes		
Input isolation from PLC main module	Yes		
Under range value	<-100 °C		
Over range value	>850 °C		
Protection against polarity inversion	Yes		
Supply type	Self powered		
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	
MIBRX-SC-AI02-RTD-P	MiBRX slot card-2 analog inputs-RTD with pluggable terminal	
MIBRX-SC-AI02-RTD-ISO	MiBRX slot card-2 analog inputs-RTD (Isolated)	

MIBRX IO Card

MiBRX-SC-AI02-TC

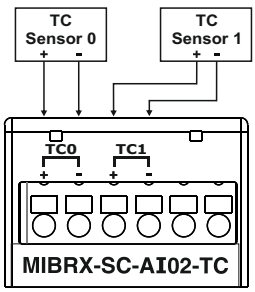
Features :

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

Technical specifications

Input specifications	MIBRX-SC-AI02-TC	MIBRX-SC-AI02-TC-P	MIBRX-SC-AI02-TC-ISO
Connector type	Fixed	Pluggable	Fixed
No. of channels	2		
Sensor type	J, K, T, R, S, C, E, B, N, L, U, W, PLATINEL II, MILLIVOLT (-5 TO 65 mV)		
Measurement range (DC)	As per sensor selection		
Type of input	Non-diffrential		Diffrential
Resolution	TC: 0.1 °C/mV: 10uV		
Digital resolution	12 bits		
Input impedance in signal range (Ohms)	>330K		
Analog input error at 25 °C	±0.25% of full scale ± 1 °C		±0.25% of full scale
Non linearity	±0.25% of full scale		±0.25% of full scale ± 1 °C
Conversion time	<100ms		
Channel isolation	No		
Input isolation from PLC main module	No		Yes
Under range value	As per sensor selection		
Over range value	As per sensor selection		
Protection against polarity inversion	Yes		
Supply type	Self powered		
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	
MIBRX-SC-AI02-TC-P	MiBRX slot card-2 analog inputs-thermocouple with pluggable terminal	
MIBRX-SC-AI02-TC-ISO	MiBRX slot card-2 analog inputs-thermocouple (Isolated)	

Analog Outputs

Features:

- Plug-in Module
- Flexible I/O Card Selection for customized applications
- Easy integration and replacement across all MiBRX base modules
- Equipped with spring-clamp terminals for secure and tool-free wiring
- Windows-Based Software for configuration in Ladder Programming

Technical specifications

Analog output specifications	MiBRX-SC-AO01-V/I *	MiBRX-SC-AO02-V-I-ISO	MiBRX-SC-AO02-V-ISO	MiBRX-SC-AO02-I-ISO
No. of Channels	1	2	2	2
Output Range	0-10V DC / 0-20 mA DC	CH0 - 0-10V DC, CH1 - 0-20mA DC	0-10V DC	0-20mA DC
Resolution	12 Bits			
Load Limit	0-10 VDC ≥ 1 kΩ, 0-20mA <= 500 Ω		0-10V DC ≥ 1 kΩ	0-20mA <= 500 Ω
Digital Resolution	0.0-100.0% = 0-10.000V DC, 0.0-100.0% = 0-20.000mA		0.0-100.0% = 0-10.000V DC	0.0-100.0% = 0-20.000mA
Conversion Time	100ms			
Isolation (CPU ↔ Output)	No	No		
Isolation (Output ↔ Output)	No			
Output Error @ 25°C	±0.25% of Full Scale			
Linearity	0.10%			
Mechanical Specifications				
Weight	10 grams			
Mounting	Pluggable			
Terminal	Fixed, Spring fit*			
Dimensions in mm (WHD)	35 x 25 x 45			
Auxiliary Supply Specifications				
Supply Voltage	Self Powered			

Note:

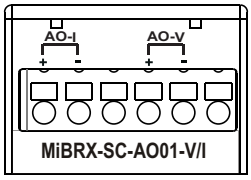
1. Refer to the IO card and base module compatibility guidelines to ensure effective and valid IO card combinations.

2. Use of RO and AO cards are limited in 230VAC variants. Mixed usages for RO/AO limits are auto-managed in Selpro settings or refer to product manual for details

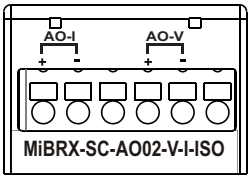
*3. *Pluggable terminal variants available*

Terminal connection

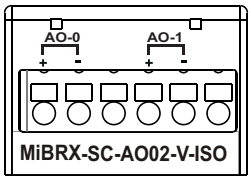
MiBRX-SC-AO01-V/I, MiBRX-SC-AO01-V/I-P



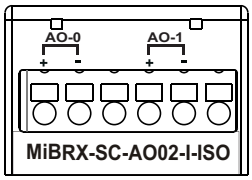
MiBRX-SC-AO02-V-I-ISO



MiBRX-SC-AO02-V-ISO



MiBRX-SC-AO02-I-ISO

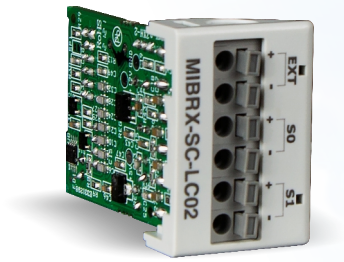


Ordering information

Product code	Description	Certification
MiBRX-SC-AO01-V/I	MiBRX Slot Card - 1 Analog Output (Voltage/Current)	CE RoHS
MiBRX-SC-AO01-V/I-P	MiBRX Slot Card - 1 Analog Output (Voltage/Current) - With Pluggable Terminals	CE RoHS
MiBRX-SC-AO02-V-I-ISO	MiBRX Slot Card - 2 Analog Outputs - 1 Voltage & 1 Current (Isolated)	CE RoHS
MiBRX-SC-AO02-V-ISO	MiBRX Slot Card - 2 Analog Outputs - Voltage (Isolated)	CE RoHS
MiBRX-SC-AO02-I-ISO	MiBRX Slot Card - 2 Analog Outputs Current (Isolated)	CE RoHS

MIBRX IO Card

MiBRX™-SC-LC02



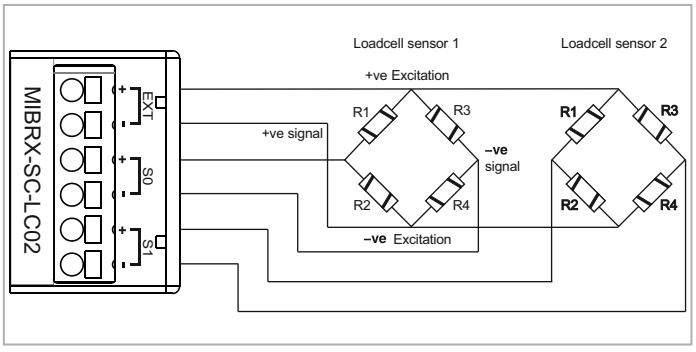
Features :

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

Technical specifications

Input specifications	
Connector type	Fixed
No. of inputs	2
Conversion time	25 to 200 ms
Input type	Differential
Excitation output voltage	5V DC ±10%/50mA (Jumper selection) 9V DC ± 10%/50mA
Digital resolution	24bits
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-LC02	MiBRX slot card-2 analog inputs -load cell (24 Bit)	

MIBRX IO Card

MiBRX™-SC-DL

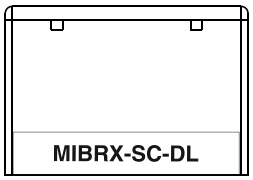
Features :

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

Technical specifications

Input Specifications	
Connector Type	Fixed
Memory Storage	2MB
Minimum Logging Interval Time	10 sec
Maximum No of Groups	15
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

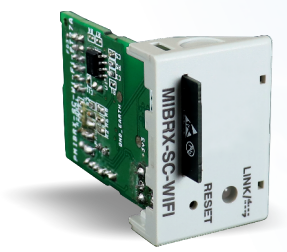


Ordering information

Product code	Description	Certification
MIBRX-SC-DL	MiBRX slot card-datalogging (2MB) & RTC	

MIBRX IO Card

MiBRX™-SC-WIFI



Features :

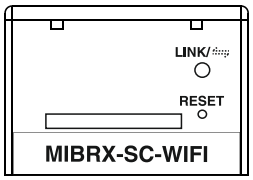
- Plug-in module
- Easy to connect and replace in all MiBRX base modules
- Configured via Selpro software

CE RoHS compliant

Technical specifications

Input specifications	
Connector type	Fixed
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 (2.4GHz 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%

Terminal connection



Ordering information

Product code	Description	Certification
MIBRX-SC-WIFI	MiBRX slot card-WIFI	CE RoHS

MIBRX IO Card

MiBRX™-SC-PD

Features :

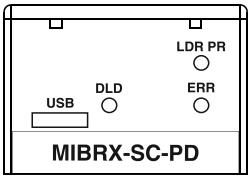
- Plug-in module
- Easy to connect and replace in all MiBRX base modules
- Configured via Selpro software

CE RoHS compliant

Technical specifications

Input Specifications	
Digital Input	
Connector Type	Fixed
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
Ambient Storage Temperature	-20 °C to 70 °C
Humidity	95%

Terminal connection



Ordering information

Product code	Description	Certification
MiBRX-SC-PD	MiBRX Portable Downloader	CE RoHS compliant