

Environmental Specifications

Item		Specification	Note
Storage temperature		-25°~70°C	
Operating ambient temperature		0°~55°C	
Relative humidity		5~95%	Non-condensing, RH-2
Pollution resistance		Degree II	
Corrosion resistance		Based on IEC-68 standard	
Altitude		≤2000m	
Vibration resistance	Fixd by DIN rail	0.5G, 2 hours for each direction of 3 axes	
	Fasten by screw	2G, 2 hours for each direction of 3 axes	
Shock resistance		10G, three times for each direction of 3 axes	
Noise resistance		1500Vp-p, pulse width 1μS	
Withstand voltage		500VAC, 1 minute (DC)	L, N to any terminal
		1500VAC, 1 minute (AC)	

DC Model Power Specifications

Specification	Item	10/14 Points Main Unit	20/24 Points Main Unit	32/40 Points Main Unit	60 Points Main Unit
Input voltage		24VDC, -15%/+20%			
Max. power capability		2.5W/3W	3.5W/4W	4.5W/5W	6W
Inrush current		20A@24VDC			
Allowable power momentary interruption time		<2ms			
Fuse rating		2A,125VDC			

AC Model Power Specifications (custom products)

Specification	Item	10/14 Ponits Main Unit	20/24 Ponits Main Unit	32/40 Ponits Main Unit	60 Ponits Main Unit
Input power/Frequency		85 ~ 264VAC / 50 ~ 60Hz			
Max. power capability (Built-in sensor power supply)		21W			
Inrush current		20A@264VAC			
Allowable power momentary interruption time		<20mS			
Fuse rating		2A, 250VAC			

Main Unit Specifications

Specification			Item	MB1	MB1z	Note	
Execution speed				0.33uS / Sequential instruction			
Memory capacity		Program (Word)		7936 Words	3840 Words		
		Comment (Byte)		8K Bytes	4K Bytes		
Program memory				FLASH ROM or SRAM+Lithium battery Back-up			
Sequential instruction				36 instructions			
Function instruction				326 instructions(126 kinds)	323 instructions(123 kinds)	Include derivative instructions	
Flow chart command (SFC)				4 instructions			
Communication Interface	Port0 (RS232) Speed 4.8k~115.2kbps			Built- in		Default setting of each port is 906 kbps, Port1~2 provides MERITEK or Modbus RTU/ASCII or user defined communication protocol	
	Port1~2 (RS232, RS485, Ethernet) Speed 4.8k~921.6kbps			Expandable Port1 and Port2	Built-in Port2(RS485) No expandable		
	Maximum link stations			254			
Digital (Bit status)	X	Input contact (DI)		X+Y=128	6 / 8 / 12 / 14 / 20 / 24 / 36	Corresponding to external digital input	
	Y	Output relay (DO)			4 / 6 / 8 / 10 / 12 / 16 / 24	Corresponds to external digital output	
	TR		Temporary relay		TR0~TR39 (40)		
	M	Internal relay		Non-retentive	M0~M799 (800)*1		Can be configured as retentive type
					M1400~M1911 (512)		
		Retentive	M800~M1399 (600)*1		Can be configured as non-retentive		
		Special relay		M1912~M2001 (90)			

*1 : Default, changeable by user
*2 : LAIO and L4MTC module will occupy Port1

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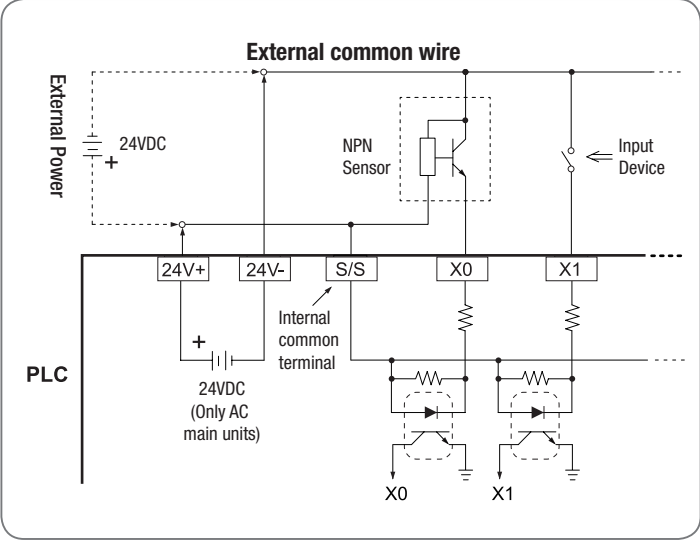
Specification				Item	MB1			MB1z			Note	
Digital (Bit status)	S	Step relay		Non-retentive	S0~S499 (500)*1						S20~S499 can be configures as retentive type	
				Retentive	S500~S999 (500)*1						Can be configures as non-retentive type	
	T	Timer "Time-Up" status contact			T0~T255 (256)							
	C	Counter "Count-Up" status contact			C0~C255 (256)							
Register (Word data)	TMR	Time current value register		0.01S Time base	T0~T49 (50)*1						T0~T255 members for each time base can be adjusted	
				0.1S Time base	T50~T199 (150)*1							
				1S Time base	T200~T255 (56)*1							
	CTR	Counter current value register		16-bit	Retentive	C0~C139 (140)*1						Can be configured as non-retentive type
					Non-retentive	C140~C199 (60)*1						Can be configured as retentive type
				32-bit	Retentive	C200~C239 (40)*1						Can be configured as non-retentive type
					Non-retentive	C240~C255 (16)*1						Can be configured as retentive type
	HR DR	Data register		Retentive		R0~R2999 (3000)*1						Can be configured as non-retentive type
						D0~D3999 (4000)						
						R5000~R8071 (3072)*1						When not configured as ROR, it can serve normal register (for read/write)
				Non-retentive		R3000~R3839 (840)*1						Can be configured as retentive type
	ROR			Read only register		R5000~R8071 can be set as ROR, default setting is (0)*1						ROR is stored in special ROR area and not occupy program space
	FR			File register		F0~F8191 (8192)						Saved/retrieved via dedicated instruction
	IR	Input register			R3840~R3857 (18)			-			Corresponding to the external numerical input	
	OR	Output register			R3904~R3921 (18)			-			Corresponding to the external numerical output	
	SR	Special system register			R3968~R4167 (200)						D4072~4075(4)corresponds LAIO Module inputs*2 D4076~4077(4)corresponds LAIO Module outputs*2	
					D4000~D4095 (96)							
		0.1mS High-speed timer register			R4152~R4154 (3)							
		High-speed counter register	Hardware(4 sets)		DR4096~DR4110 (4x4)							
			Software(4sets)		DR4112~DR4126 (4x4)							
		Calendar register			R4128 (sec)	R4129 (min)	R4130 (hour)	R4131 (day)	-			
	R4132 (month)				R4133 (year)	R4134 (week)						
	XR	Index register			V ∨ Z (2), P0~P9 (10)							
Interrupt control		External interrupt control			32 interrupts(16 points input positive/negative edge)						Only main unit input points	
		Internal interrupt control			8 interrupts (1 ∨ 2 ∨ 3 ∨ 4 ∨ 5 ∨ 10 ∨ 50 ∨ 100mS)							
0.1mS high-speed timer					1(16-bit), 4(32-bit, share with HHSC)							
High-speed counter HSC	Hardware high-speed counter (HHSC)/32-bit	No. of channel		Up to 4						Total number of HHSC and SHSC is 8 HHSC can be converted into 32-bit/0.1mS time base High-Speed Timer(HST) Half of maximum frequency while A/B phase input		
		Counting mode		8 modes (U/D ∨ U/Dx2 ∨ P/R ∨ P/Rx2 ∨ A/B ∨ A/Bx2 ∨ A/Bx3 ∨ A/Bx4)								
		Counting frequency		Maximum is 50KHz (Singed-end input)								
	Software high-speed counter(SHSC)/32-bit	No. of channel		Up to 4								
		Counting mode		3 modes (U/D ∨ P/R ∨ A/B)								
		Counting frequency		Maximum sum up to 5KHz								
NC position pulse output (HSPSO)	Number of axis			Up to 4						Half of the maximum while A/B phase output		
	Output frequency			Maximum is 50KHz (Singed-end input)								
	Pulse output mode			3 modes (U/D ∨ P/R ∨ A/B)								
	Programming method			Dedicated position language								
	Interpolation			Maximum 4 axes linear interpolation								
HSPWM output	Number of points			Up to 4								
	Output frequency			72Hz~18.432KHz (with 0.1%resolution) 720Hz~184.3KHz(with 1%resolution)								
Captured input	Points			Maximum 36 points (All inputs in main unit come with this feature)								
	Minimum captured pulse width			>10μS (for Ultra high/high speed input)								
				>47μS (for medium speed input)								
				>470μS (for medium/low speed input)								
Digital filter			X0 ~X15		Adjustable frequency 14KHz~1.8MHz						Chosen by frequency at high frequency	
					Adjustable time constant 0.1~1.5mS/1~15mS(unit: 0.1mS/1mS)						Chosen by time constant at low frequency	
						X16 ~X35		Time constant 1~15mS adjustable(unit: 1mS)				

Digital Input (DI) Specification

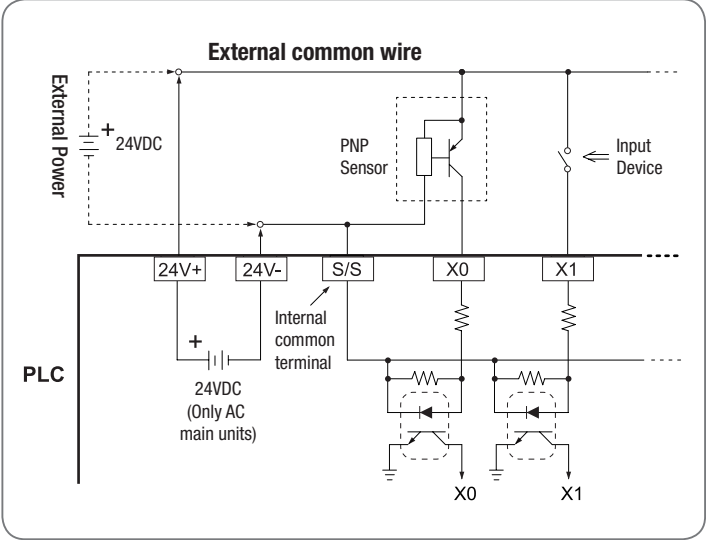
* : Half of maximum frequency while A/B phase input

Specification	Item	Main Unit			Extension module	Note
		High speed(HHSC)	Medium speed (SHSC)	Low speed ($\geq X16$)		
Maximum input frequency		50KHz*	Total 5KHz	—	—	HHSC: Hardware High speed counter SHSC: Software High speed counter
Input signal voltage		24VDC $\pm$ 10%				
Threshold current	ON	$> 4\text{mA}$				
	OFF	$< 1.5\text{mA}$				
Maximum input current		7.6mA				
Input status indication		Displayed by LED: light when "ON", dark when "OFF"				
Isolation method		Optical isolation, 500VAC, 1 minute				
SINK/SOURCE selection		Select by wiring methods (internal common terminal S/S and external common wiring)				
Noise filtering methods		AHF(0.42us)+DHF(14KHz~1.8MHz or 0.1~15ms)		AHF(0.2ms)+DHF(1~15ms)	AHF(1mS)	DHF: Digital Hardware Filter AHF: Analog Hardware Filter

Wiring of 24VDC single-end SINK input



Wiring of 24VDC single-end SOURCE input

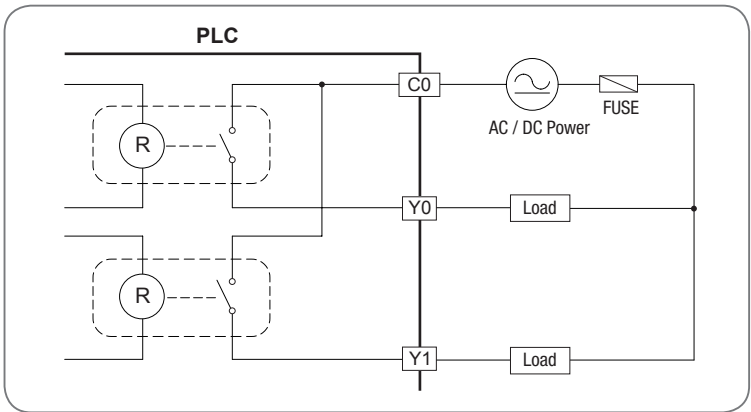


Digital Output (DO) Specifications

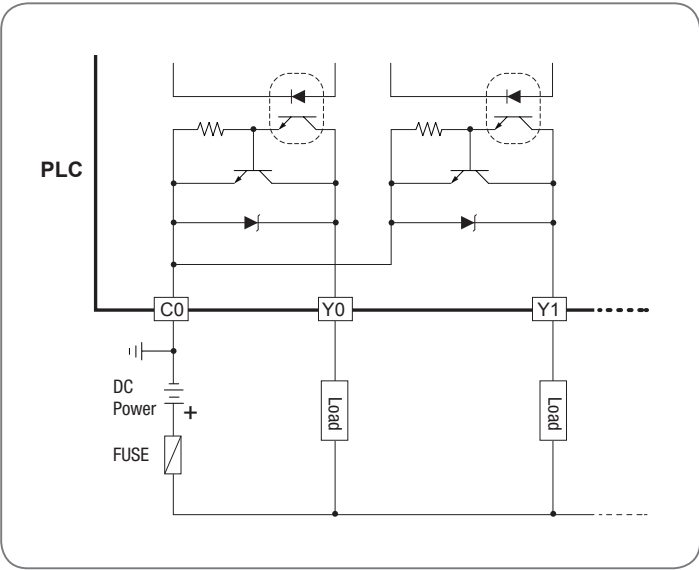
* : Half of maximum frequency while A/B phase output

Specification		Item	High speed transistor output (Main unit HSPSO)	Low speed transistor output	Single-end relay output	Note
Maximum output frequency			50KHz*	—	—	HSPSO : Hardware High Speed Pulse Output
Working voltage			5~30VDC		<250VAC/30VDC	
Maximum load current	Resistive	0.3A/0.1A (M4T/J)	0.5A	2A/single, 4A/common		
	Inductive			80VA(AC)/24VA(DC)		
Maximum voltage drop/conducting resistance (initial)			0.5V	1V	30mΩ (@1A, 6VDC)	
Minimum load			—		2mA/DC power	
Leakage current			< 0.1mA/30VDC		—	
Maximum output delay time	ON → OFF	15μS			10mS	
	OFF → ON	30μS				
Output status indication			Displayed by LED: light when "ON", dark when "OFF"			
Isolation method			Optical isolation, 500VAC, 1 minute		Electromagnetic isolation 1500VAC, 1 minute	

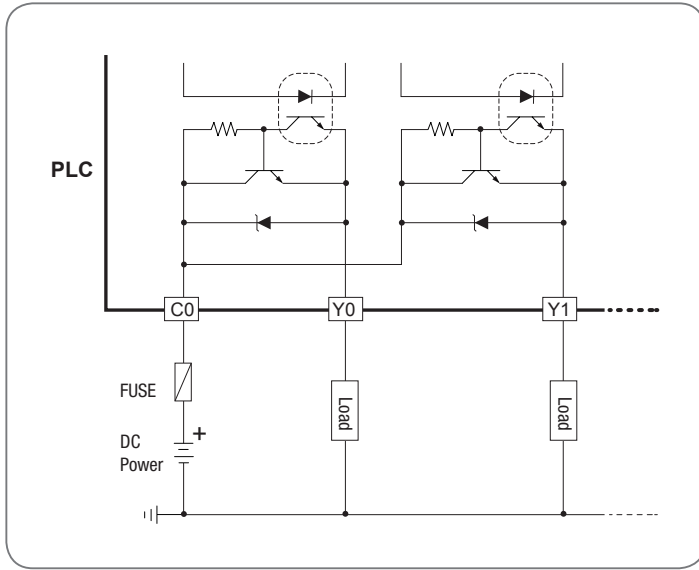
Wiring of relay single-end output



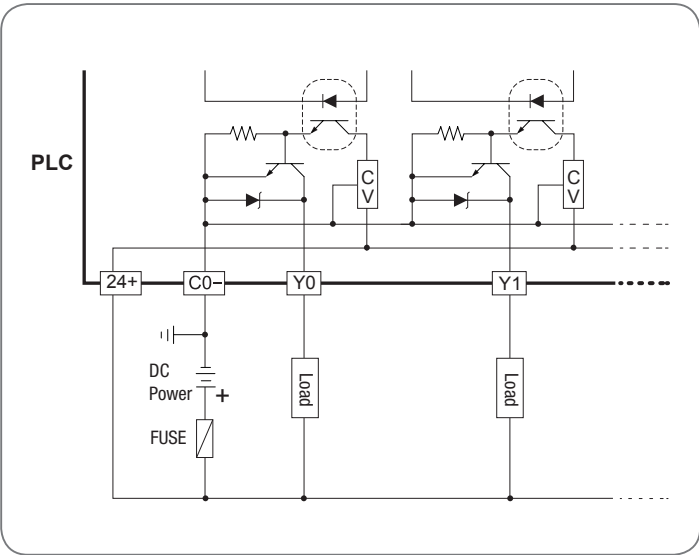
Wiring of transistor single-end SINK output



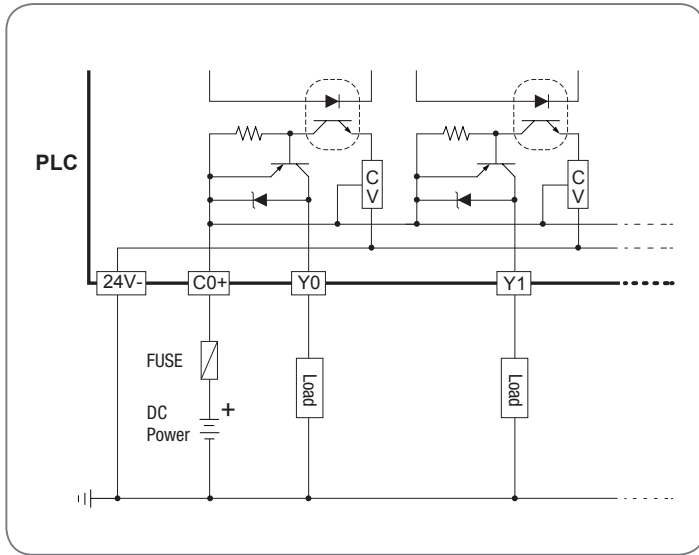
Wiring of transistor single-end SOURCE output



Wiring of M4T main unit Y0~Y7 transistor single-end SINK output



Wiring of M4J main unit Y0~Y7 transistor single-end SOURCE output



Model Specification



MB1z Main Units

Spec.	Model	MB1z-10MR	MB1z-10M(T/J)	MB1z-14MR	MB1z-14M(T/J)	MB1z-20MR	MB1z-20M(T/J)	MB1z-24MR	MB1z-24M(T/J)
Digital input	24VDC	High speed (50KHz)	4 points (2-axis single phase or A/B phase)				6 points (3-axis single phase or A/B phase)	8 points (4-axis single phase or A/B phase)	
		Medium (Total 5KHz)	2 points		4 points		6 points		6 points
		Low speed	—		—		—		—
Digital Output	Relay	High speed (50KHz)	4 points	—	6 points	—	8 points	—	10 points
		Low speed	—	2 points (1-axis single phase or A/B phase)	—	2 points (1-axis single phase or A/B phase)	—	4 points (2-axis single phase or A/B phase)	—
		Low speed	—	2 points	—	4 points	—	4 points	6 points
Communication port	Built-in	2 ports (Port0:RS232, Port2:RS485)							
	Expandable	—							
Calendar		—							
Wiring mechanism		5mm European fixed terminal block							
Dimension		Figure 1 (Standard), Figure 2 (Slim)				Figure 3 (Standard), Figure 4 (Slim)			

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Spec.	Model		MB1-40XYR	MB1-40XY(T/J)	MB1-60XYR	MB1-60XY(T/J)
Digital input	24VDC	Low speed	24	24	36	36
Digital output	Relay	2A	16	—	24	—
	Transistor	0.5A	—	16	—	24
Wiring mechanism			5mm European fixed terminal block			
Dimension			Figure 5 (Standard), Figure 6 (slim)			Figure 7 (Standard), Figure 8 (slim)

Right side Analog I/O
Expansion Modules

				
Spec.	Model		MB1-6AD	MB1-2DA
Input point			6 points input	2 points output
Input/Output value			12 bit	
Maximum resolution			1.22mV(Voltage), 2.44μA(Current)	
Input/Output signal range	Voltage		-10 ~ +10V, -5 ~ +5V, 0 ~ 10V, 0 ~ 5V	
	Current		-20 ~ +20mA, -10 ~ +10mA, 0 ~ 20mA, 0 ~ 10mA	
Accuracy			±1%	
Input impedance			63.2KΩ(Voltage) 250Ω(Current)	—
Conversion time			Conversion once for each scan	
Maximum input signal			±12V(Voltage) ±24mA(Current)	—
Allowable load range			—	500 ~ 1MΩ(Voltage) 0 ~ 500Ω(Current)
Isolation method			Non-isolation	
Wiring mechanism			3.81mm European fixed terminal block	
Dimension			Figure 9 (Standard), Figure 10 (slim)	

Right side Temperature
Measurement Expansion Modules

				
Spec.	Model		MB1-2TC/6TC	MB1-6RTD
Number of input points			2 /6 points	6 points
Sensor type and temperature measurement range			J (-200~1200°C) E (-190~1000°C) K (-190~1300°C) T (-190~380°C) R (0~1800°C) B (350~1800°C) S (0~1700°C) N (-200~1000°C)	3-wire RTD sensor (JIS or DIN) Pt100(-200~850°C) Pt1000(-200~600°C)
Temperature compensation			Built-in cold junction compensation	—
Resolution			0.1°C	
Temperature refresh time			Conversion once for each scan	
Overall Precision			± (1%+1°C)	± 1%
Isolation method			Transform (power) and optical (signal) isolation, 500VAC, 1 minute, no isolation between each channel	
Power consumption			24VDC -15%/+20%, 2W max.	
Wiring mechanism			3.81 mm European fixed terminal block	
Dimension			Figure 9 (Standard)	

MBs Compatible Peripheral (Refer to MBs-PLC Catalog for Detail Specifications)

Memory Pack	PWMDA Module	RFID card	Simple HMI	General Purpose Communication Converter		
MBs-PACK	PWMDA	CARD-H	MBs-PEP/PEPR	MBs-CM25C	MBs-CM5R	MBs-CM5H
						

Bluetooth Communication Module	USB Converter Cable	Port 0 Communication Cables			
MBs-B2C	MBs-U2C-MD-180	MBs-232P0-9F-150	MBs-232P0-9M-400	MBs-232P0-MD-200	MBs-232P0-MDR-200
					

DC24V Power Supply

1A	2A	3A	4A	5A	6A
ADP-24V-1A	ADP-24V-2A	ADP-24V-3A	ADP-24V-4A	ADP-24V-5A	ADP-24V-6A
					

Dimensions

Figure 1 10/14 points main units or expansion modules (standard)

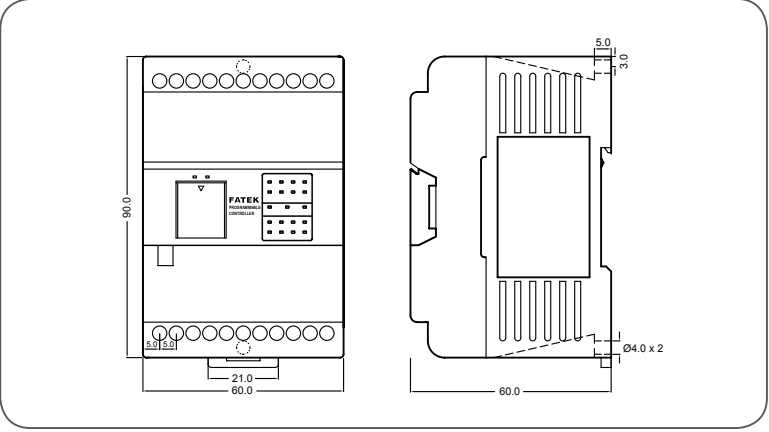


Figure 2 10/14 points units or expansion modules (slim)

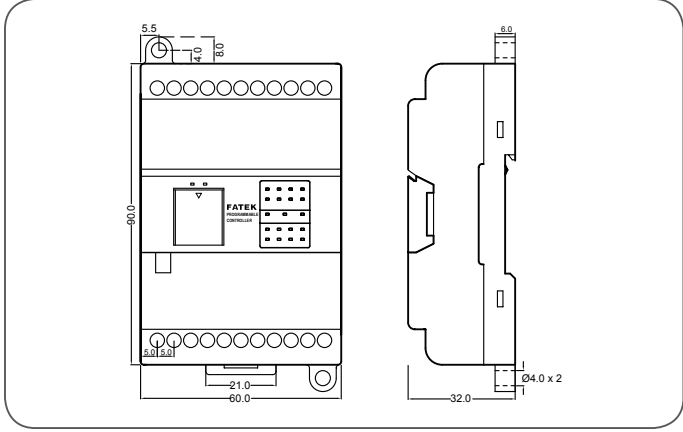


Figure 3 20/24 points main units or expansion modules (standard)

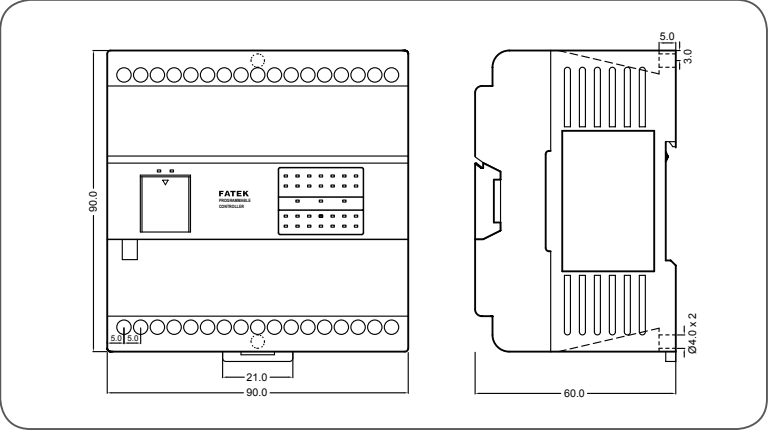


Figure 4 20/24 points main units or expansion modules (slim)

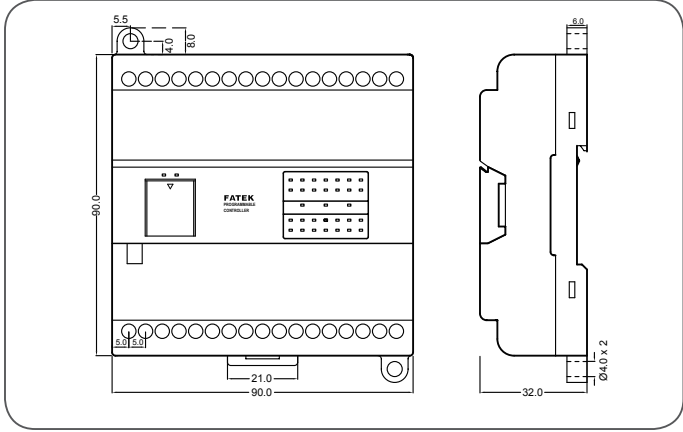


Figure 5 32/40 points main units or expansion modules (standard)

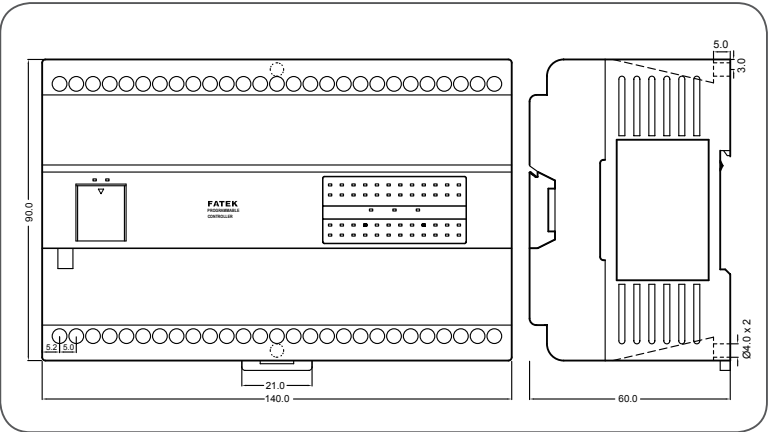


Figure 6 32/40 points main units of expansion modules (slim)

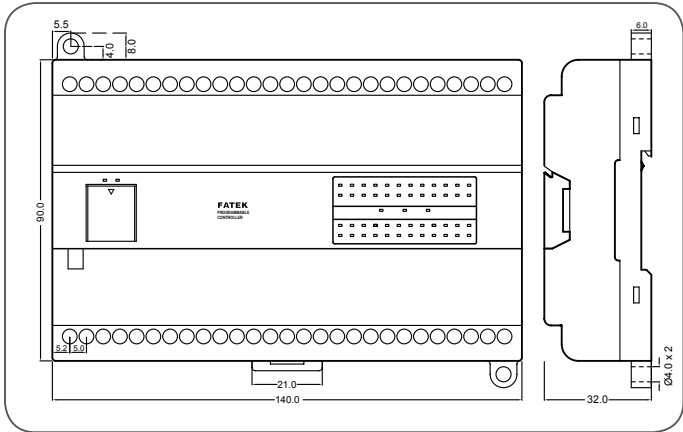


Figure 7 60 points
main unit or expansion
modules (standard)

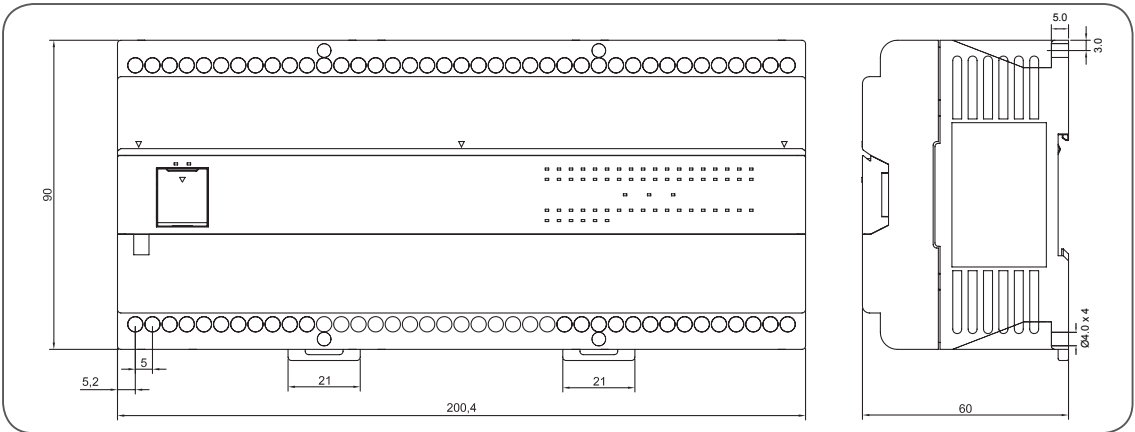


Figure 8 60 points
main unit or expansion
modules (Slim)

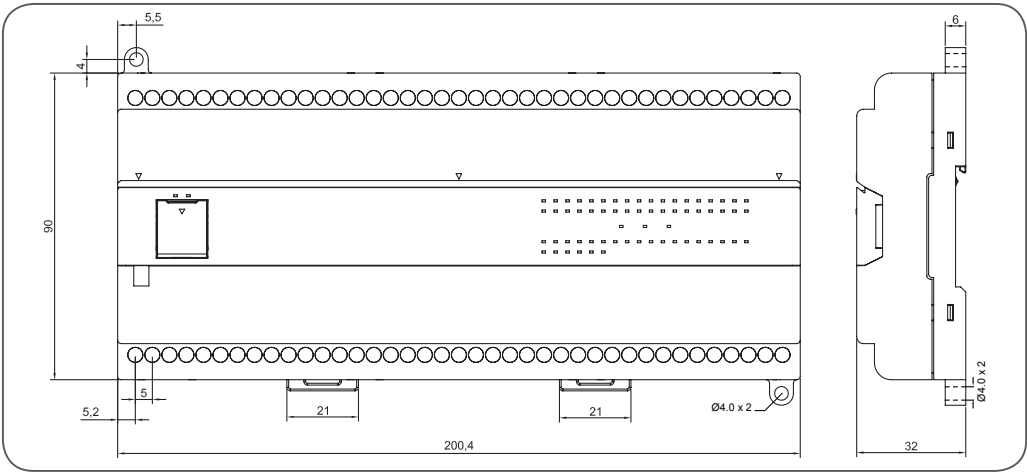


Figure 9 Right-side expansion (Standard)

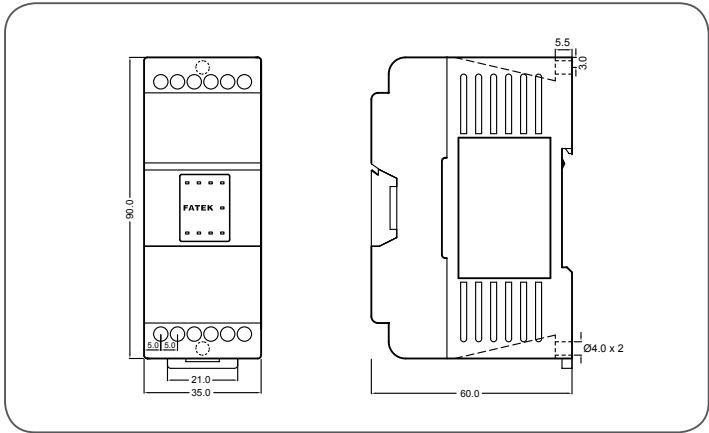


Figure 10 Right-side expansion (Slim)

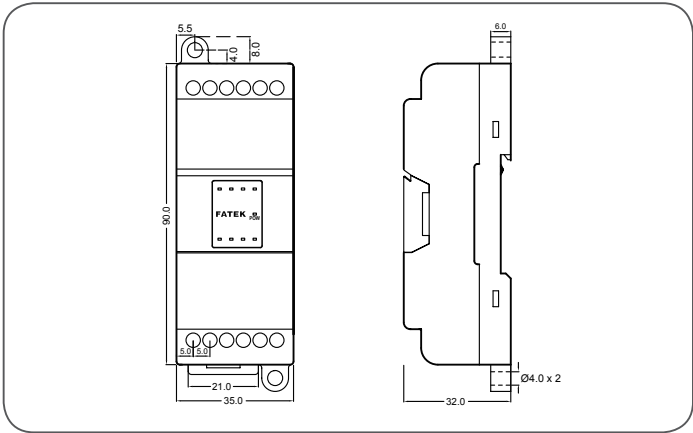


Figure 11 Left-side expansion (Standard)

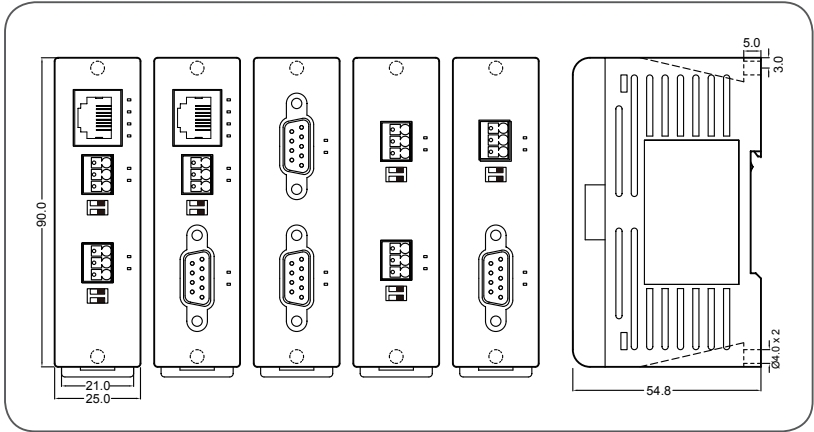


Figure 12 Left-side expansion (Slim)

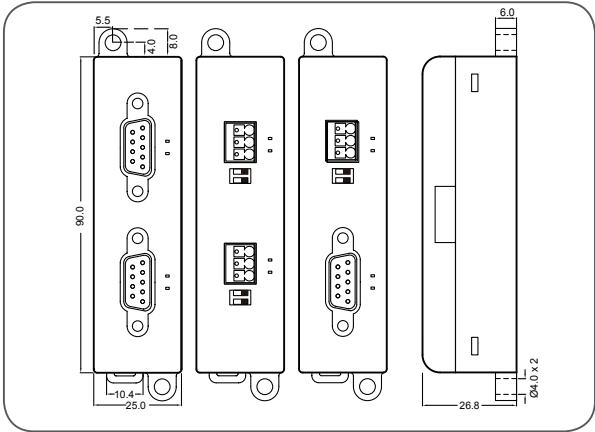


Figure 13 Left-side expansion (Standard)

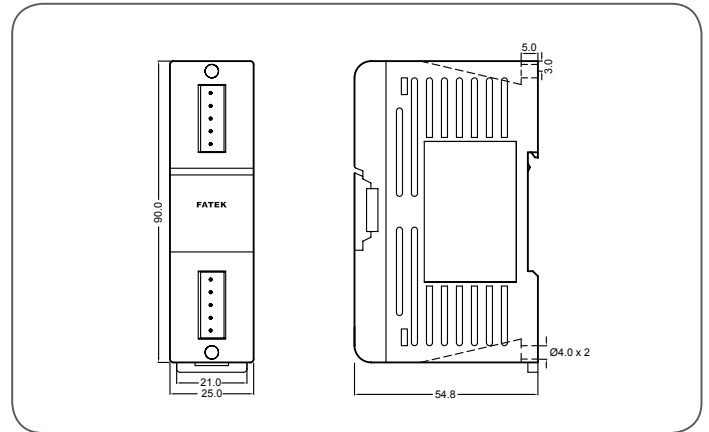
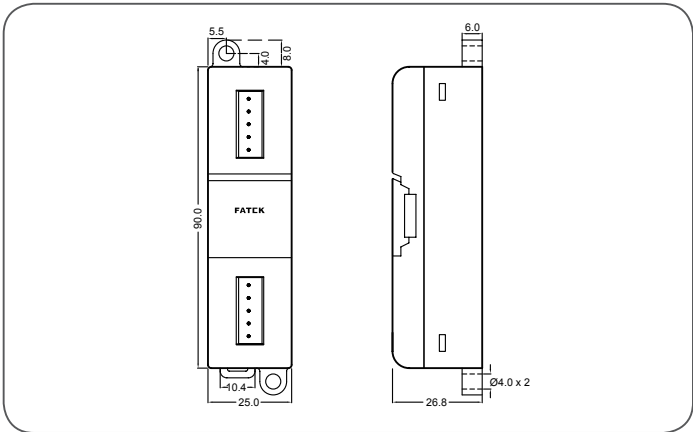


Figure 14 Left-side expansion (Slim)



Model List

Item Name	Module	Specifications
Main Units	MB1z Mts	MB1z-10M◇ 25- ☆ 6 points 24VDC digital input (4 points 50 KHz, 2 points total 5KHz), 4 points relay output or transistor output (2 points 50KHz), RS232(Port 0)+RS485(Port 2) communication ports, both sides are not expandable
		MB1z-14M◇ 25- ☆ 8 points 24VDC digital input (4 points 50 KHz, 4 points total 5KHz), 6 points relay output or transistor output (2 points 50KHz), RS232(Port 0)+RS485(Port 2) communication ports, both sides are not expandable
		MB1z-20M◇ 25- ☆ 12 points 24VDC digital input (6 points 50 KHz, 6 points total 5KHz), 8 points relay output or transistor output (4 points 50KHz), RS232(Port 0)+RS485(Port 2) communication ports, both sides are not expandable
		MB1z-24M◇ 25- ☆ 14 points 24VDC digital input (8 points 50 KHz, 6 points total 5KHz), 10 points relay output or transistor output (4 points 50KHz), RS232(Port 0)+RS485(Port 2) communication ports, both sides are not expandable
		MB1z-32M◇ 25- ☆ 20 points 24VDC digital input (8 points 50 KHz, 8 points total 5KHz), 12 points relay output or transistor output (6 points 50KHz), RS232(Port 0)+RS485(Port 2) communication ports, both sides are not expandable
		MB1z-40M◇ 25- ☆ 24 points 24VDC digital input (8 points 50 KHz, 8 points total 5KHz), 16 points relay output or transistor output (6 points 50KHz), RS232(Port 0)+RS485(Port 2) communication ports, both sides are not expandable
		MB1z-60M◇ 25- ☆ 36 points 24VDC digital input (8 points 50 KHz, 8 points total 5KHz), 24 points relay output or transistor output (8 points 50KHz), RS232(Port 0)+RS485(Port 2) communication ports, both sides are not expandable
	MB1 Mits	MB1-10M◇ 2- ☆ 6 points 24VDC digital input (4 points 50 KHz, 2 points total 5KHz), 4 points relay output or transistor output (2 points 50KHz), RS232(Port 0) communication port
		MB1-14M◇ 2- ☆ 8 points 24VDC digital input (4 points 50 KHz, 4 points total 5KHz), 6 points relay output or transistor output (2 points 50KHz), RS232(Port 0) communication port
		MB1-20M◇ 2- ☆ 12 points 24VDC digital input (6 points 50 KHz, 6 points total 5KHz), 8 points relay output or transistor output (4 points 50KHz), RS232(Port 0) communication port
		MB1-24M◇ 2- ☆ 14 points 24VDC digital input (8 points 50 KHz, 6 points total 5KHz), 10 points relay output or transistor output (4 points 50KHz), RS232(Port 0) communication port
		MB1-32M◇ 2- ☆ 20 points 24VDC digital input (8 points 50 KHz, 8 points total 5KHz), 12 points relay output or transistor output (6 points 50KHz), RS232(Port 0) communication port
		MB1-40M◇ 2- ☆ 24 points 24VDC digital input (8 points 50 KHz, 8 points total 5KHz), 16 points relay output or transistor output (6 points 50KHz), RS232(Port 0) communication port
		MB1-60M◇ 2- ☆ 36 points 24VDC digital input (8 points 50 KHz, 8 points total 5KHz), 24 points relay output or transistor output (8 points 50KHz), RS232(Port 0) communication port
	4-axis NC positioning Modules	MB1-24M4(T/J)2-D24☆ 14 points 24VDC digital input (8 points 50 KHz, 6 points total 5KHz), 10 points transistor output (8 points 50KHz, 0.1A), RS232(Port 0) communication port, J is custom product
		MB1-40M4(T/J)2-D24☆ 24 points 24VDC digital input (8 points 50 KHz, 8 points total 5KHz), 16 points transistor output (8 points 50KHz, 0.1A), RS232(Port 0) communication port, J is custom product
Left Side Expansion Module	Communication Modules	MB1-CM25E 1 port RS232 (Port 1) + 1 port RS485 (Port 2) + Ethernet network interface communication module
		MB1-CM55E 2 ports RS485 (Port 1, Port 2) + Ethernet network interface communication module
		MB1-CM2☆ 1 port RS232 (Port 2) communication module
		MB1-CM2☆ 2 port RS232 (Port1, Port2) communication module
		MB1-CM5☆ 1 port RS485 (Port 2) communication module
		MB1-CM5☆ 2 port RS485 (Port1, Port2) communication module
	LAIO Modules	MB1-CM2☆ 1 port RS232 (Port 1) + 1 port RS485 (Port 2) communication module
		MB1-L2DA☆ Non-isolated 2 channels, 12-bit analog output module (0~10V or 0~20mA)
		MB1-L4AD☆ Non-isolated 4 channels, 12-bit analog input module (0~10V or 0~20mA)
		MB1-L2AD☆ Non-isolated 2channels, 12-bit analog input + 2 channels, 12-bit analog output combo analog module (0~10V or 0~20mA)
	Temperature Modules	MB1-L4NT☆ 4 channels, NTC temperature input module, 12-bit resolution, measuring range 100Ω~100KΩ
Right Side Expansion Module	DIO Expansion Modules	MB1-4Y☆ 4 points relay or transistor output
		MB1-8Y☆ 8 points 24VDC digital input
		MB1-8Y☆ 8 points relay or transistor output
		MB1-8XY☆ 4 points 24VDC digital input, 4 points relay or transistor output
		MB1-16Y☆ 16 points 24VDC digital input
		MB1-16Y☆ 16 points relay or transistor output
		MB1-16XY☆ 8 points 24VDC digital input, 8 points relay or transistor output
		MB1-24XY☆ 14 points 24VDC digital input, 10 points relay or transistor output
		MB1-40XY☆ 24 points 24VDC digital input, 16 points relay or transistor output
		MB1-60XY☆ 36 points 24VDC digital input, 24 points relay or transistor output
	AIO Modules	MB1-6AD☆ Non-isolated 6 channels, 12-bit analog input module (Voltage:-10~10V,-5~5V,0~5V Current: -20~20mA,-10~10mA,0~20mA,0~10mA)
		MB1-2DA☆ Non-isolated 2 channels, 12-bit analog output module (Voltage:-10~10V,-5~5V,0~5V Current: -20~20mA,-10~10mA,0~20mA,0~10mA)
	Temperature Modules	MB1-2/6TC 2/6 channels, thermocouple temperature input module with 0.1°C resolution, J, K, R, S, E, T, B, N thermocouple sensor
		MB1-6RTD 6 channels, RTD temperature input module with 0.1°C resolution, 3-wire RTD sensor (PT100 or PT1000)
MBs Compatible Peripheral	Memory Pack	MBs-PACK PLC program memory pack with 20K Words program, 20K Words register
	PWMDA Module	PWMDA 10-bit single channel pules width modulation (PWM) 0~10V analog output (AO) module
	RFID Card	CARD-H General purpose RFID (ISO-14443A Standard) (for MBs-PEPR)
	Simple HMI	MBs-PEP/PEPR Multi-characters with graphics-based Parameter Entry Panel, built-in RFID Read/Write module with PEPR
	General Purpose Communication Converters	MBs-CM25C General purpose RS232 to RS485/RS422 communication interface converter with optical isolation
		MBs-CM5R General purpose RS485 repeater with optical isolation
		MBs-CM5H General purpose 4 ports RS485 HUB with optical isolation, RS485 can be connected as star connection
	Bluetooth Communication Module	MBs-B2C Bluetooth Module for PLC Main Unit Port 0
	USB Communication Converter	MBs-U2C-MD-180 Communication converter cable with standard USB AM connector to RS232 Mini-DIN 4M connector (used in standard PC USB to MBs main unit Port0 RS232),
	Port 0 Communication Cables	MBs-232P0-9F-150 Mini-DIN 4M to DB9F communication cable (MBs main unit Port 0 RS232 connect to standard DB9M), length 150cm
		MBs-232P0-9M-400 Mini-DIN 4M to DB9M communication cable (MBs main unit Port 0 RS232 connect to standard DB9F), length 400cm
		MBs-232P0-MD-200 Mini-DIN 4M to Mini-DIN 4M communication cable (MBs main unit Port 0 RS232 connect to MBs-PEP/PEPR), length 200cm
		MBs-232P0-MDR-200 Mini-DIN 4M to 90° Mini-DIN 4M communication cable (MBs main unit Port 0 RS232 connect to MBs-PEP/PEPR), length 200cm
DC24V Power Supply	ADP-24V-1A	90~240VAC Input Voltage, 50/60Hz, Output Voltage: 24VDC, Output Current: 1A, DIN-RAIL Type
	ADP-24V-2A	90~240VAC Input Voltage, 50/60Hz, Output Voltage: 24VDC, Output Current: 2A, DIN-RAIL Type
	ADP-24V-3A	90~240VAC Input Voltage, 50/60Hz, Output Voltage: 24VDC, Output Current: 3A, DIN-RAIL Type
	ADP-24V-4A	90~240VAC Input Voltage, 50/60Hz, Output Voltage: 24VDC, Output Current: 4A, DIN-RAIL Type
	ADP-24V-5A	90~240VAC Input Voltage, 50/60Hz, Output Voltage: 24VDC, Output Current: 5A, DIN-RAIL Type
	ADP-24V-6A	90~240VAC Input Voltage, 50/60Hz, Output Voltage: 24VDC, Output Current: 6A, DIN-RAIL Type

◇ : R – Relay output, T. – Transistor SINK (NPN) output, J. – SOURCE (PNP) output

◎ : D24 – 21.6~28.8 VDC power supply, AC – 85~264 VAC power supply (customized products)

☆ : Blank – Standard case, -S – Slim case (units with AC power supply have no slim case)