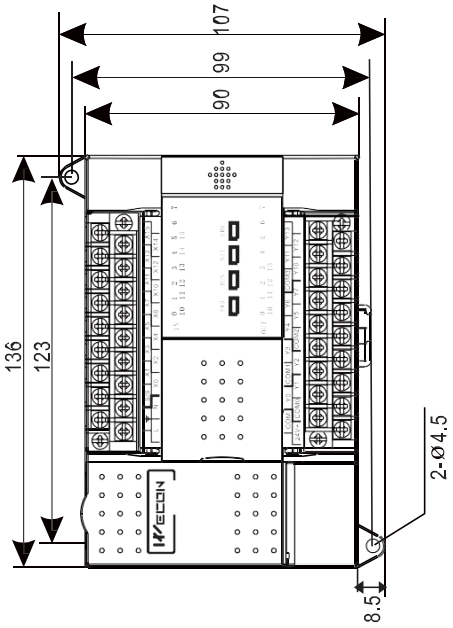
Programmable Logic Controller

LX5V 1412MT

LX5V Model	I/O	Output Type	Pulse Counter	E-CAM	Pulse Output	RS485	BD Board	Module	Power Supply	Ethernet
LX5V-1412MT-A(D/AN/DN)	14/12	Transistor	4	YES	4	2	1	YES	AC(DC)	Optional

GENERAL

Item	LX5V Series
Running Mode	Round Scan/ Interrupt
Programming	Instruction List/ Ladder
Total Instructions	Basic Instructions: 29 / Application Instructions: 170
Execute time	Basic Instructions: 0.01-0.03us
System Storage	512KB
Download/ Monitoring	Serial Programming Cable (Serial port) / Micro USB
High Speed Pulse Output	Transistor: 4 channels / 200K
High Speed Counter Interrupt	100 channels
External Input Interrupt	X0-X7 supports both rising and falling edges
Timer Interrupt	100 Channels, Interruption time (min): 0.1ms
High Speed Input Single	4 Channels 150KHz
High Speed Input AB Phase	4 channel 100KHz, frequency modes:1/2/4 times
Holding Addresses	Adjusted by software
Storage	FLASH
Filter	For all X input terminals
Serial Port	COM1: RS422 or RS485 COM2: RS485
Temperature	Working Temperature: 0 ~ 55℃ / Storage Temperature: 0 ~ 70℃
Humidity	35~ 85%RH (Without condensation)
Shock Resistance	JIS C 0040 Standard
Influence Immunity	Meet the IEC61000-4-4 and GB/T 17626.4 standard: Noise voltage amplitude 1KVP-P, pulse width 10us, period 0.3 s, edge time 5ns, duration 1min.
USB Supply	Use for upgrading firmware, downloading ladder diagram

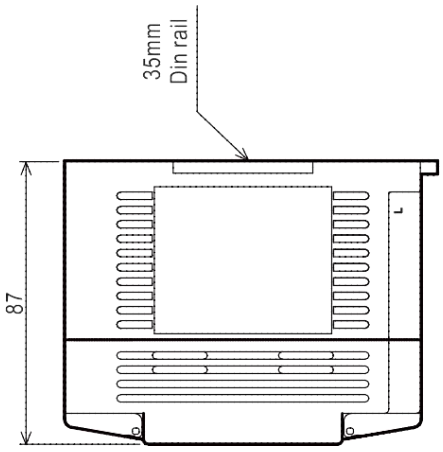


POWER SUPPLY

Item	AC	DC
Power Supply	AC 85~265V 50 ~ 60Hz	DC 24V±10%
Power Outage Time	10ms	10ms
Power Fuse	250V 3.15A	250V 3.15A
Rush Current	<15A 5ms / AC 100V; <30A 5ms / AC 200V	<15A 1ms / DC 24V
Power Consumption	<60W	<30W
Power Output	DC 24V 700mA	<30w(Not include the external power supply for modules)

OUTPUT

Item		Relay	Transistor
Output Mode		--	NPN
Input Power Supply		DC 24V	DC 24V
Output Circuit		<AC 250V or <DC 30	DC 5~30V
COM Port Current		--	<0.1mA (DC 30V)
Insulation		Mechanistic	Optical Coupling
Leak current		--	0.1mA / DC 30V
Min. Load		--	DC5V 2mA
Max. Load	Resistive	2A point 8A COM port	0.5A point 0.8A COM port 0.3A HSPO point
	Inductive	80VA	12W/DC24V 7.2W HSPO point
	General	100W	0.9W/DC 24V
Response Time		<10ms	<0.2ms (Pulse output terminal: <5us)



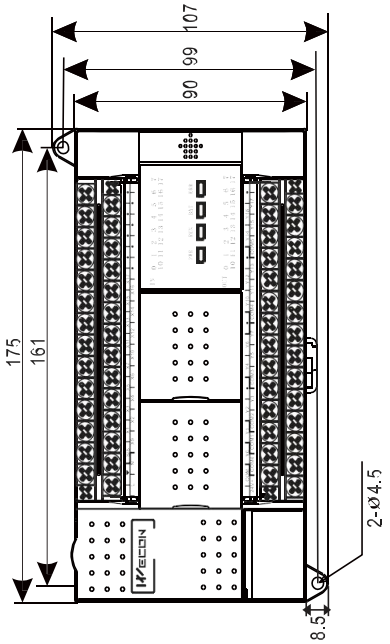
Programmable Logic Controller

LX5V 1616MT/2416MT

LX5V Model	I/O	Output Type	Pulse Counter	E-CAM	Pulse Output	RS485	BD Board	Module	Power Supply	Ethernet
LX5V-1616MT-A(D/AN/DN)	16/16	Transistor	8	YES	8	2	2	YES	AC(DC)	Optional
LX5V-2416MT-A(D/AN/DN)	24/16	Transistor	8	YES	8	2	2	YES	AC(DC)	Optional

GENERAL

Item	LX5V Series
Running Mode	Round Scan/ Interrupt
Programming	Instruction List/ Ladder
Total Instructions	Basic Instructions: 29 / Application Instructions: 170
Execute time	Basic Instructions: 0.01-0.03us
System Storage	512KB
Download/ Monitoring	Serial Programming Cable (Serial port) / Micro USB
High Speed Pulse Output	Transistor: 8 channels / 200K
High Speed Counter Interrupt	100 channels
External Input Interrupt	X0-X7 supports both rising and falling edges
Timer Interrupt	100 Channels, Interruption time (min): 0.1ms
High Speed Input Single	8 Channels 150KHz
High Speed Input AB Phase	8 channel 100KHz, frequency modes:1/2/4 times
Holding Addresses	Adjusted by software
Storage	FLASH
Filter	For all X input terminals
Serial Port	COM1: RS422 or RS485 COM2: RS485
Temperature	Working Temperature: 0 ~ 55℃ / Storage Temperature: 0 ~ 70℃
Humidity	35~ 85%RH (Without condensation)
Shock Resistance	JIS C 0040 Standard
Influence Immunity	Meet the IEC61000-4-4 and GB/T 17626.4 standard: Noise voltage amplitude 1KVP-P, pulse width 10us, period 0.3 s, edge time 5ns, duration 1min.
USB Supply	N/A

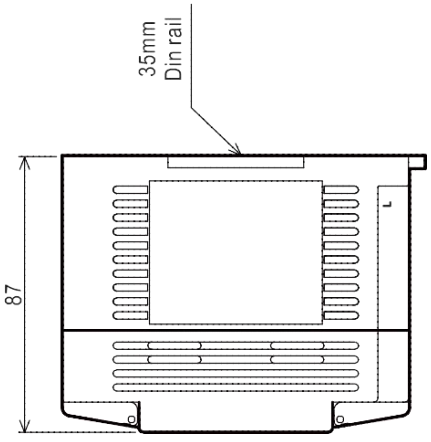


POWER SUPPLY

Item	AC	DC
Power Supply	AC 85~265V 50 ~ 60Hz	DC 24V±10%
Power Outage Time	10ms	10ms
Power Fuse	250V 3.15A	250V 3.15A
Rush Current	<15A 5ms / AC 100V; <30A 5ms / AC 200V	<15A 1ms / DC 24V
Power Consumption	<60W	<30W
Power Output	DC 24V 700mA	<30w(Not include the external power supply for modules)

OUTPUT

Item		Relay	Transistor
Output Mode		--	NPN
Input Power Supply		DC 24V	DC 24V
Output Circuit		<AC 250V or <DC 30	DC 5~30V
COM Port Current		--	<0.1mA (DC 30V)
Insulation		Mechanistic	Optical Coupling
Leak current		--	0.1mA / DC 30V
Min. Load		--	DC5V 2mA
Max. Load	Resistive	2A point 8A COM port	0.5A point 0.8A COM port 0.3A HSPO point
	Inductive	80VA	12W/DC24V 7.2W HSPO point
	General	100W	0.9W/DC 24V
Response Time		<10ms	<0.2ms (Pulse output terminal: <5us)



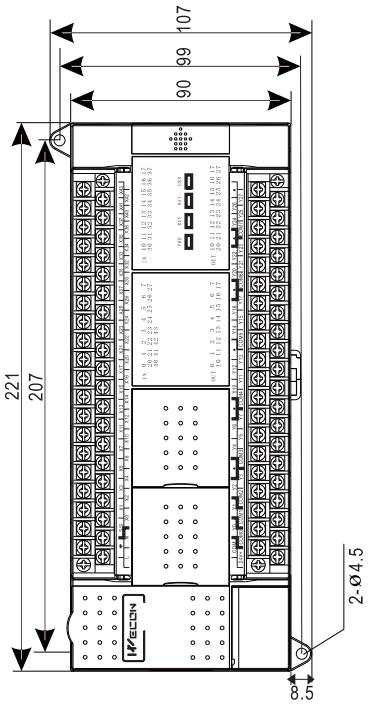
Programmable Logic Controller

LX5V 2424MT/3624MT

LX5V Model	I/O	Output Type	Pulse Counter	E-CAM	Pulse Output	RS485	BD Board	Module	Power Supply	Ethernet
LX5V-2424MT-A(D/AN/DN)	24/24	Transistor	8	YES	8	2	2	YES	AC(DC)	Optional
LX5V-3624MT-A(D/AN/DN)	36/24	Transistor	8	YES	8	2	2	YES	AC(DC)	Optional

GENERAL

Item	LX5V Series
Running Mode	Round Scan/ Interrupt
Programming	Instruction List/ Ladder
Total Instructions	Basic Instructions: 29 / Application Instructions: 170
Execute time	Basic Instructions: 0.01-0.03us
System Storage	512KB
Download/ Monitoring	Serial Programming Cable (Serial port) / Micro USB
High Speed Counter Interrupt	100 Channels
High Speed Pulse Output	Transistor: 8 channels / 200K
External Input Interrupt	X0-X7 supports both rising and falling edges
Timer Interrupt	100 Channels, Interruption time (min): 0.1ms
High Speed Input Single	8 Channels 150KHz
High Speed Input AB Phase	8 channel 100KHz, frequency modes:1/2/4 times
Holding Addresses	Adjusted by software
Storage	FLASH
Filter	For all X input terminals
Serial Port	COM1: RS422 or RS485 COM2: RS485
Temperature	Working Temperature: 0 ~ 55C° / Storage Temperature: 0 ~ 70C°
Humidity	35~ 85%RH (Without condensation)
Shock Resistance	JIS C 0040 Standard
Influence Immunity	Meet the IEC61000-4-4 and GB/T 17626.4 standard: Noise voltage amplitude 1KVP-P, pulse width 10us, period 0.3 s, edge time 5ns, duration 1min.
USB Supply	Use for upgrading firmware, downloading ladder diagram



POWER SUPPLY

Item	AC	DC
Power Supply	AC 85~265V 50 ~ 60Hz	DC 24V±10%
Power Outage Time	10ms	10ms
Power Fuse	250V 3.15A	250V 3.15A
Rush Current	<15A 5ms / AC 100V; <30A 5ms / AC 200V	<15A 1ms / DC 24V
Power Consumption	<60W	<30W
Power Output	DC 24V 700mA	<30w(Not include the external power supply for modules)

OUTPUT

Item		Relay	Transistor
Output Mode		--	NPN
Input Power Supply		DC 24V	DC 24V
Output Circuit		<AC 250V or <DC 30	DC 5~30V
COM Port Current		--	<0.1mA (DC 30V)
Insulation		Mechanistic	Optical Coupling
Leak current		--	0.1mA / DC 30V
Min. Load		--	DC5V 2mA
Max. Load	Resistive	2A point 8A COM port	0.5A point 0.8A COM port 0.3A HSPO point
	Inductive	80VA	12W/DC24V 7.2W HSPO point
	General	100W	0.9W/DC 24V
Response Time		<10ms	<0.2ms (Pulse output terminal: <5us)