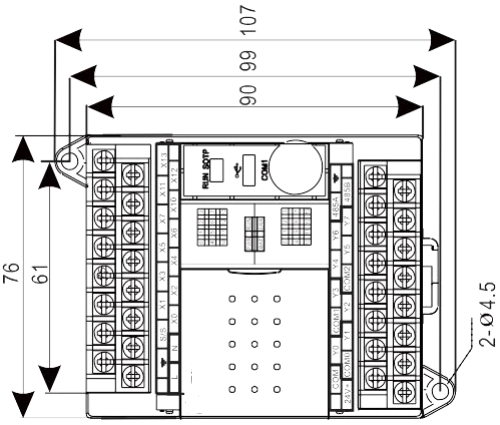
Programmable Logic Controller

VCLX5S 0806M/1208M

VCLX5S Model	I/O	Output Type	Pulse Counter	E-CAM	Pulse Output	RS485	BD Board	Module	Power Supply	Ethernet
VCLX5S-0806MT-A(D)	08/06	Transistor	2	YES	2	1	1	N/A	AC(DC)	N/A
VCLX5S-0806MR-A(D)	08/06	Relay	2	N/A	0	1	1	N/A	AC(DC)	N/A
VCLX5S-0806MR2H-A(D)	08/06	Mix	2	YES	2	1	1	N/A	AC(DC)	N/A
VCLX5S-1208MT-A(D)	12/08	Transistor	2	YES	2	1	1	N/A	AC(DC)	N/A
VCLX5S-1208MR-A(D)	12/08	Relay	2	N/A	0	1	1	N/A	AC(DC)	N/A
VCLX5S-1208MR2H-A(D)	12/08	Mix	2	YES	2	1	1	N/A	AC(DC)	N/A

GENERAL

Item	VCLX5S Series
Running Mode	Round Scan / Interrupt / Event
Programming	Instruction list/ladder diagram
Total Instructions	Basic Instructions: 29 / Application Instructions: 170
Execute time	Basic Instructions: 0.03-0.08us
System Storage	512KB
Download/ Monitoring	Programming cable (serial type) / Micro USB
High Speed Pulse Output	Transistor type; 2 channels/200KHz
High Speed Counter Interrupt	100 Channels
External Input Interrupt	X0-X5 supports both rising and falling edges
Timer Interrupt	100 channels, support 0.1ms interrupt
High Speed Input Single	2 channel 150K Hz; 4 channel 10KHz
High Speed Input AB Phase	1 channel 100K Hz, supports 2 or 4 frequency times, 2 channels 10K Hz, supports 2 or 4 frequency times
Holding Addresses	Adjusted by software
Storage	FLASH
Filter	For all X input terminals
Serial Port	COM1 （RS422), 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	YES



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)

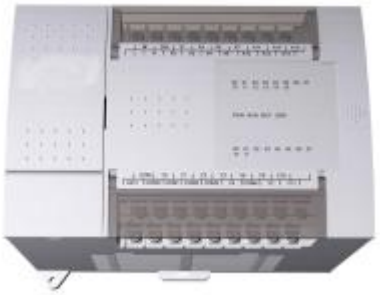
Programmable Logic Controller

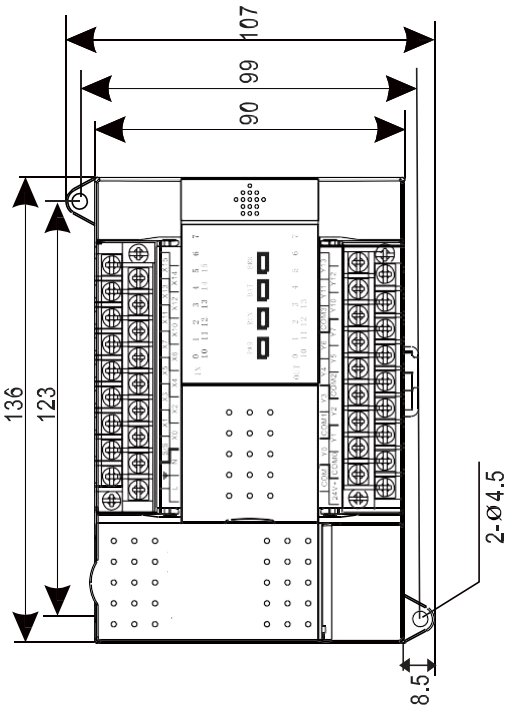
VCLX5S 1412M

VCLX5S Model	I/O	Output Type	Pulse Counter	E-CAM	Pulse Output	RS485	BD Board	Module	Power Supply	Ethernet
VCLX5S-1412MT-A(D/AN/DN)	14/12	Transistor	2	YES	2	2	1	YES	AC(DC)	Optional
VCLX5S-1412MR-A(D/AN/DN)	14/12	Relay	2	YES	2	2	1	YES	AC(DC)	Optional
VCLX5S-1412MR2H-A(D/AN/DN)	14/12	Mix	2	YES	2	2	1	YES	AC(DC)	Optional

GENERAL

Item	LX5S Series
Running Mode	Round Scan / Interrupt / Event
Programming	Instruction list/ladder diagram
Total Instructions	Basic Instructions: 29 / Application Instructions: 170
Execute time	Basic Instructions: 0.03-0.08us
System Storage	512KB
Download/ Monitoring	Programming cable (serial type) / Micro USB
High Speed Pulse Output	Transistor type; 2 channels/200KHz
High Speed Counter Interrupt	100 Channels
External Input Interrupt	X0-X5 supports both rising and falling edges
Timer Interrupt	100 channels, support 0.1ms interrupt
High Speed Input Single	2 channel 150K Hz; 4 channel 10KHz
High Speed Input AB Phase	1 channel 100K Hz, supports 2 or 4 frequency times, 2 channels 10K Hz, supports 2 or 4 frequency times
Holding Addresses	Adjusted by software
Storage	FLASH
Filter	For all X input terminals
Serial Port	COM1 （RS422 / 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	YES



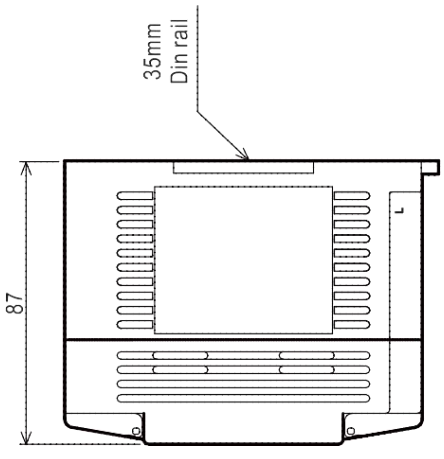


POWER SUPPLY

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

VCLX5S 1616M/2416M

VCLX5S Model	I/O	Output Type	Pulse Counter	E-CAM	Pulse Output	RS485	BD Board	Module	Power Supply	Ethernet
VCLX5S-1616MT-A(D/AN/DN)	16/16	Transistor	6	YES	2	2	2	YES	AC(DC)	Optional
VCLX5S-1616MR-A(D/AN/DN)	16/16	Relay	6	N/A	0	2	2	YES	AC(DC)	Optional
VCLX5S-1616MR2H-A(D/AN/DN)	16/16	Mix	6	YES	2	2	2	YES	AC(DC)	Optional
VCLX5S-1616MT4H-A(D/AN/DN)	16/16	Transistor	6	YES	4	2	2	YES	AC(DC)	Optional
VCLX5S-2416MT-A(D/AN/DN)	24/16	Transistor	6	YES	2	2	2	YES	AC(DC)	Optional
VCLX5S-2416MR-A(D/AN/DN)	24/16	Relay	6	N/A	0	2	2	YES	AC(DC)	Optional
VCLX5S-2416MR2H-A(D/AN/DN)	24/16	Mix	6	YES	2	2		YES	AC(DC)	Optional
VCLX5S-2416MT4H-A(D/AN/DN)	24/16	Transistor	6	YES	4	2	2	YES	AC(DC)	Optional

GENERAL

Item	VCLX5S Series
Running Mode	Round Scan / Interrupt / Event
Programming	Instruction list/ladder diagram
Total Instructions	Basic Instructions: 29 / Application Instructions: 170
Execute time	Basic Instructions: 0.03-0.08us
System Storage	512KB
Download/ Monitoring	Programming cable (serial type) / Micro USB
High Speed Pulse Output	Transistor type; 2 channels/200KHz
External Input Interrupt	X0-X5 supports both rising and falling edges
Timer Interrupt	100 channels, support 0.1ms interrupt
High Speed Input Single	6 channel 150K Hz;
High Speed Input AB Phase	3 channel 100K Hz, supports 2 or 4 frequency times;
Holding Addresses	Adjusted by software
Storage	FLASH
Filter	For all X input terminals
Serial Port	COM1 (RS422 / 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	YES

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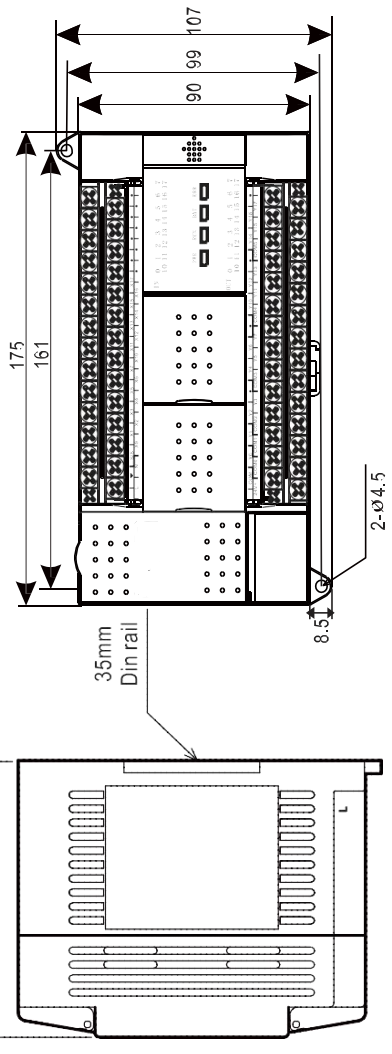


POWER SUPPLY

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)

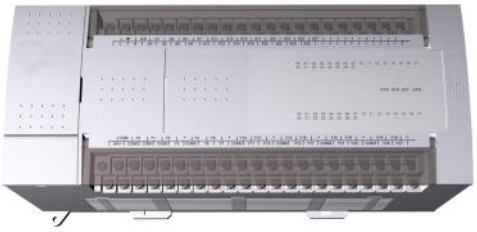
Programmable Logic Controller

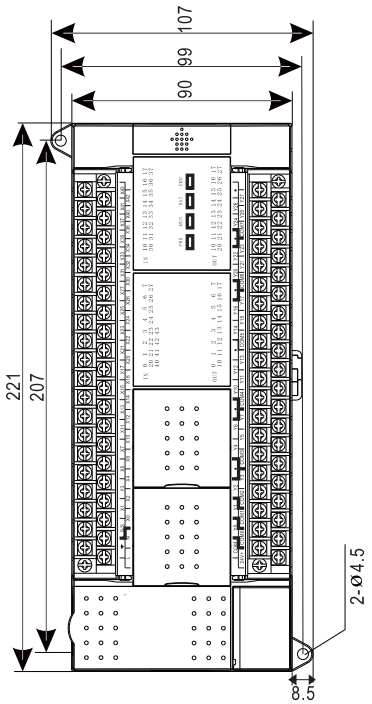
VCLX5S 2424M/3624M

VCLX5S Model	I/O	Output Type	Pulse Counter	E-CAM	Pulse Output	RS485	BD Board	Module	Power Supply	Ethernet
VCLX5S-2424MT-A(D/AN/DN)	24/24	Transistor	6	YES	2	2	2	YES	AC(DC)	Optional
VCLX5S-2424MR-A(D/AN/DN)	24/24	Relay	6	YES	2	2	2	YES	AC(DC)	Optional
VCLX5S-2424MR2H-A(D/AN/DN)	24/24	Mix	6	YES	2	2	2	YES	AC(DC)	Optional
VCLX5S-2424MT4H-A(D/AN/DN)	24/24	Transistor	6	YES	4	2	2	YES	AC(DC)	Optional
VCLX5S-3624MT-A(D/AN/DN)	36/24	Transistor	6	YES	2	2	2	YES	AC(DC)	Optional
VCLX5S-3624MR-A(D/AN/DN)	36/24	Relay	6	N/A	0	2	2	YES	AC(DC)	Optional
VCLX5S-3624MR2H-A(D/AN/DN)	36/24	Mix	6	YES	2	2	2	YES	AC(DC)	Optional
VCLX5S-3624MT4H-A(D/AN/DN)	36/24	Transistor	6	YES	4	2	2	YES	AC(DC)	Optional

GENERAL

Item	VCLX5S Series
Running Mode	Round Scan / Interrupt / Event
Programming	Instruction list/ladder diagram
Total Instructions	Basic Instructions: 29 / Application Instructions: 170
Execute time	Basic Instructions: 0.03-0.08us
System Storage	512KB
Download/ Monitoring	Programming cable (serial type) / Micro USB
High Speed Pulse Output	Transistor type; 2 channels/200KHz
External Input Interrupt	X0-X5 supports both rising and falling edges
Timer Interrupt	100 channels, support 0.1ms interrupt
High Speed Input Single	6 channel 150K Hz;
High Speed Input AB Phase	3 channel 100K Hz, supports 2 or 4 frequency times;
Holding Addresses	Adjusted by software
Storage	FLASH
Filter	For all X input terminals
Serial Port	COM1 （RS422 / 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	YES





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)