

MODULAR SYSTEMS Models LC622 and LC624 Logic Controllers

Model Selection Guide

INSTRUCTIONS

- Select the desired key number.
Model LC622 uses the two option slot processor rack 620-1690C. Model LC624 uses the four option slot 620-3691C.
- Select up to 8 I/O modules from Table I for model LC622. Select up to 6 I/O modules for model LC624. Terminal blocks are included with the I/O modules.
- A power supply uses slots I and J for model LC622. Slots G and H are used by the power supply for model LC624. A processor from Table IV uses slots M and N.
- Standard lead time for I/O in Table I is 4 weeks.
- A complete model number must have the designated number of digits in each table.
- The controllers can be ordered for 115 or 230 Vac, 50/60Hz. Select the required voltage from Table II.
- Selection X Table I *must* be ordered for each empty slot.

Key Number

LC622	I A B C D E F G H	II I J	III K L	IV M N
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← These alpha characters represent the individual slots of a rack.

Key Number

LC624	I A B C D E F	II G H	III I J K L	IV M N
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← These alpha characters represent the individual slots of a rack.

LC622 consists of:
620-1690C
MAS-8990
MAS8991

LC624 consists of:
620-3691C
MAS-8990
MAS8991

KEY NUMBER	Selection	Availability
Description		
Logic Controller	LC622	↓
Logic Controller	LC624	↓

TABLE I

Table I Format	Specify 6 or 8 modules with the desired modules			
621-9900 blank I/O coverplate		X	•	•
None (empty I/O slot)		Y	•	•
Special slot requires special handling		Z	•	•
621-0020RC	Universal Analog Input, 16 point (Note 5)	A	•	•
621-0022-ARC	Isolated analog input module, 8 point (Note 3)	B	•	•
621-0010-ARC	Analog output module, 4 point (Note 3)	C	•	•
621-0024RC	Pulse input module, 4 point	D	•	•
621-0025RC	RTD input module, 8 point	E	•	•
621-0007RC	Reed Relay Output, 6 point	F	•	•
621-0010-VRC	Analog output module, 4 point	G	•	•
621-0022-VRC	Isolated analog input module, 8 point (Note 4)	H	•	•
621-0021RC	Enhanced Diagnostics Module (Note 4)	J	•	•
621-1160R	115 Vac input, 16 point	K	•	•
621-3560RC	24 Vdc input, 16 point	L	•	•
621-2150RC	115 Vac output, 16 point (3 amp slo-blo)	M	•	•

Table I continued on the next page

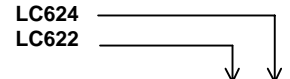


TABLE I (continued)

		Selection	7	8
621-6550RC	24 Vdc source output, 16 point	N	•	•
621-2101RC	115 Vac isolated output, 6 point (3 amp slo-ble)	P	•	•
621-1100RC	115 Vac/dc input, 8 point	Q	•	•
621-1101RC	115 Vac/dc isolated input, 6 point	R	•	•
621-2100RC	115 Vac output, 8 point	S	•	•
621-3580RC	24 Vdc input, 32 point	T	•	•
627-1002RC	MiniCOP module - 256K RAM	U	•	•
621-6575RC	24 Vdc source output, 32 point	V	•	•
621-9939C	Serial link module	W	•	•

TABLE II

620-0041C	Processor power supply 115 Vac 8 amps	A	•	•
620-0046C	Processor power supply 24 Vdc 8 amps	B	•	•
620-0083C	Processor power supply 115 Vac 15 amps	C	•	•
620-0041C	Processor power supply 230 Vac 8 amps	D	•	•
620-0083C	Processor power supply 230 Vac 15 amps	E	•	•

TABLE III

621-9900	Blank I/O cover plate	X	•	•
	None (empty I/O slot)	Y	•	•
620-0038C	Control network module	A	•	•
620-0043C	Communications interface module - Modbus (RTU)	B	•	•
620-0044	Communications interface module - Honeywell DMCS	C	•	•
620-0048	Data collection module - single port (RS232 and 422/485)	D	•	•
620-0052C	Data collection module - dual port (RS232 and 422/485)	E	•	•
620-0081	Data hiway interface module - TDC 2000	F	•	•
620-0089C	Ethernet interface module - TCP/IP	G	•	•

TABLE IV

620-1200C	620-12 processor, 2K memory, 256 I/O	A	•	•
620-1633C	620-16 processor, 8K memory, 1024 I/O	B	•	•
620-3632C	620-36 processor, 32K memory, 2040 I/O	C	•	•

NOTE 1: The 620-1200C Logic Controller does not support serial I/O. The 621-9939C can't be used with a 620-1200C Logic Controller.*

NOTE 2: Additional I/O modules can be ordered by referring to the Parts section of the price pages.

NOTE 3: Factory calibrated for 4-20mA.

NOTE 4: Factory calibrated fro 0-10V.

NOTE 5: Requires 623-0020. No charge if ordered with the 621-0020RC.

NOTE 6: Parallel I/O cables are ordered as separate line items from the Parts price pages.

NOTE 7: Occupies two slots, must be preceded by a Y (empty slot).

* Refer to Note 1 above for information concerning slot H of the LC622 and slots E and F of the LC624. Slot H of the LC622 and slots E and F of the LC624 do no support the 621-0012 RC, 627-1002RC, and the 627-1003R.