

LX6C Model	I/O	Output Type	RS485	Module	Power Supply	EtherCAT Axis	EtherNet/IP	MC	OPC UA Server	CNC	ROBOTIC	Webvisu
LX6C-0808MT-DB	08/08	Transistor	2	YES	DC	16	YES	YES	N/A	YES	YES	N/A
LX6C-0808MT-DC	08/08	Transistor	2	YES	DC	32	YES	YES	N/A	YES	YES	YES
LX6C-0808MT-DD	08/08	Transistor	2	YES	DC	64	YES	YES	YES	YES	YES	YES

GENERAL

Model	LX6C-0808MT	
Program Space	Program Capacity	5MB
	Variable Capacity	10MB
	I Area (%I)	128KB
	Q Area (%Q)	128KB
	M Area (%M)	512KB
	Power-down Latch Area	1MB
Programming Language		LD / IL / FBD / CFC / SFC / ST
EtherNet	Function	Communication, debugging, uploading and downloading programs, firmware upgrade, etc.
	Data Transmission Speed	1000Mbps / 100Mbps / 10Mbps
	Total TCP Connections	Maximum 128
	Modbus TCP	Maximum 128
	Socket	Maximum 128
	Cable	Standard industrial Ethernet communication
EtherNet/IP	Server	Maximum connections: 128
	Client	Maximum connections: 128
EtherCAT	Transmission Speed	100Mbps(100Base-TX)
	Topology	Bus type
	Cable	Standard EtherCAT communication cable
	Maximum Transmission Distance Between the Nodes	100 meters
	Maximum Number from Stations	256
	Maximum Process Data	1380(maximum frame number is 1)
	Communication Cycle	Minimum of 125μs It lasts for 1 minute.
	Support Protocol	EtherCAT master
USB	Quantity	1 channel TYPE-C interface
	Function	RTC calibration, IP setting, firmware upgrade, etc.
	Specifications	USB 2.0
RS485	Quantity	2
	Baud Rate (bps)	1200, 2400, 4800, 9600, 19200, 38400, 57600, 115200
	Maximum communication distance	500m (9600 baud rate)
	Communication Mode	Half duplex
	Support Protocol	Modbus master/slave (RTU/ASCII), free communication protocol
	Topology	Bus type
	Maximum Number of Slaves	31
Power supply		DC24V (±10%)
Motion Control	Support Version	PLC OPEN Motion Control 2.0
	G-code Capacity	32M
	Robotic (Axis Group)	Built-in 25 kinematic models, Maximum 8 axis groups (Maximum 6 axis interpolation per axis group)
Expansion Module	Maximum Number	32
Host IO	Input	8
	Output	8

