

LX6C Model	I/O	Output Type	E-CAM	RS485	Module	Power Supply	Axis	Webvisu	Multicore 4 Cores	OPC UA Server
LX6C-0808MT-DB	08/08	Transistor	YES	2	YES	DC	16	N/A	N/A	N/A
LX6C-0808MT-DC	08/08	Transistor	YES	2	YES	DC	32	YES	N/A	N/A
LX6C-0808MT-DD	08/08	Transistor	YES	2	YES	DC	64	YES	YES	YES

GENERAL

Model	LX6C-0808MT-D Series			Quantity	2
Program Space	Program Capacity	50Mbyte	RS485	Baud rate bps	1200、2400、4800、9600、19200、38400、57600、115200
	Variable Capacity	10Mbyte		Maximum communication Distance	500 m (9600 baud rate)
	I Area (%)	128KB		Communication mode	Half-duplex
	Q Area (%Q)	128KB		Support protocol	Modbus master / slave (RTU / ASCII)
	M area (%M)	512KB		Topology	Bus type
	Power-down Latch Area	1Mbyte		Maximum number of slaves	31
	Programming language	LD/IL/FBD/CFC/SFC/ST		TF card	Support
Ethernet	Function	Communication, program upload and download, Debugging, firmware upgrade, etc	Power supply		DC24V(±10%)
	Data Transfer Speed	1000M/100M/10Mbps	Motion Control	Support Version	PLC OPEN Motion Control 2.0
	Total Number of TCP Connections	Maximum 128		CNC	Support
	Modbus TCP	Maximum 128		G-code Capacity	32M
	Socket	Maximum 128	Robotic (Axis Group)	Built-in 25 kinematic models Maximum 8 axis groups (maximum 6 axis interpolation per axis group)	
Cable	Standard industrial Ethernet communication	EtherCAT Axis	Servo Axis	128 axis (8 sets@500us)	
EtherNet/IP	Number of Server Connections	Maximum 128	Expansion Module	The Encoder Axis	32
	Number of Client Connections	Maximum 128		Maximum Number	32
EtherCAT	Transfer Speed	100Mbps(100Base-TX)	Host IO	Input	8
	Topology	Bus type		Output	8
	Cable	Standard EtherCAT communication cable	Instruction Speed	Comprehensive Speed	0.7ms@ about FX3U 10k step
	Maximum Transmission Distance Between the Nodes	100 Meters		Bit Processing Instructions	0.005us
	Maximum Number from Station	256		Word Transfer Instruction	0.009us
	Maximum Process Data	1380 (maximum frame number is 1)		Floating Point Transmission	0.009us
	Communication Cycle	Minimum of 125us		Integer Four Arithmetic Operations	0.010us
Protocol	EtherCAT master	Floating Point Four Arithmetic Operations	0.013us		
USB	Quantity	1 channel Type-C interface	Offline Simulation	Support	
	Function	RTC calibration, IP setting, firmware upgrade, etc			
	Specifications	480Mbps			

