

LX6C Model	I/O	Output Type	E-CAM	RS485	BD Board	Module	Power Supply	Ethernet	EtherCAT	Axis
LX6C-0808MT-DB	08/08	Transistor	YES	2	N/A	YES	DC	YES	YES	16
LX6C-0808MT-DD	08/08	Transistor	YES	2	N/A	YES	DC	YES	YES	64

GENERAL

Model	LX6C-0808MT-D			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 (%I)	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			
OPC-UA Server		Support	Offline Simulation		support	
USB	Quantity	1 channel Type-C interface				
	Function	RTC calibration, IP setting, firmware upgrade, etc				
	Specifications	480Mbps				

