

AX-364ELA0MA1T

Basic PLC-Based Motion Controller (64 Positioning axes / NPN)



Model		AX-364EL
Programming Languages		CODESYS - Ladder Diagram (LD), Structured Text (ST), Continuous Function Chart (CFC), Sequential Function Chart (SFC), Function Block Diagram (FBD), InstructionList (IL)
Instruction Processing Speed	Boolean Operation	5ns
	Elementary Arithmetic for Integers	5ns
	Elementary Arithmetic for Floating Point	5ns
Program Capacity		5ns
Data Capacity		5ns
Max. Extension Modules		5ns
CPU Built Inputs /Outputs		16DI/8DO
CPU Built-in EncoderInterface		incremental x2 / SSI absolute x1
I/O Devices:	I (Input)	8192 bytes
	O (Output)	8,192 bytes
Memory Devices	M (Memory)	512k bytes
Pulse Output		Open collector: 4 axes 200 Khz
DO Type		NPN
High-speed Counter		General: 6 CHs, 200 kHz
Built-in Communication Ports		USB, Ethernet (Switch), RS232 ^{*1} , RS422 ^{*2} , RS485 ^{*3} , EtherCAT
Communication Protocols,		Modbus, Modbus TCP, EtherNet/IP, EtherCAT, OPC UA (Server)
Ethernet Connection Resource		ModbusTCP (Client+Server): 32 EtherNet/IP (CIP): Input=64; Output=64
DataBackup (Without Battery)	Program	Flash ROM, rewritable upto 100.000 times
	Latched Area	MRAM, no rewriting limit
	Protocol	Ethercat
	Total Axis (Real+ Virtual)	64
Motion Network	Total Real Axis (Motion + P2P)	64+4 (PTO)
	Total Real Axis (Motion)	8+4 (PTO)
	Connectable devices	96
Real-time Clock (RTC)		General Lithium buttonbattery (CR1620)
Self-Diagnosis Function		CPU errors, built-in memory errors, and more
Rated Input Current	AS-PS02/AS-P-SO2A/ AS-PSO3C	110 Vac~240 Vac (+-10%)
	CPU Extension Modules	24 Vdc (+-10%)

*2: Not supported by AX-332EP
*3: Only supported by AX-332EP