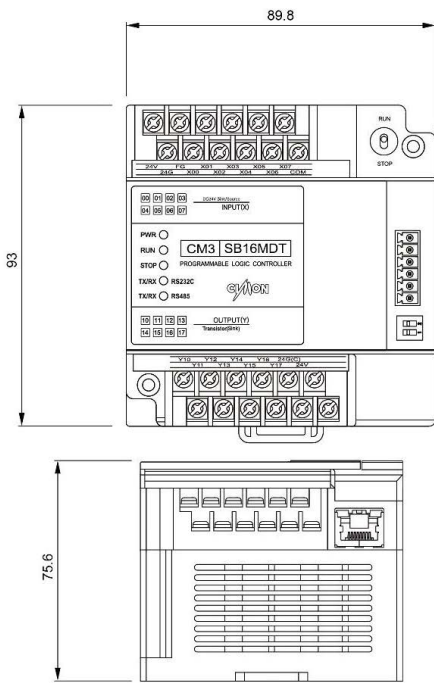


NEW

Micro-S BRICK PLC

CIMON



COMMUNICATION

Ethernet 10/100, RS-232C, RS-485/422, USB mini-B

COMPACT DESIGN

Strong performance in a small, easy-to-install package.

SPEED

- Max 32 PID loop control.
- Equipped with 20 kHz (kpps) high-speed counter.
- 2-axis 100 kHz servo control embedded.

Specifications

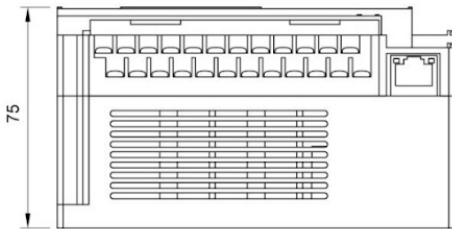
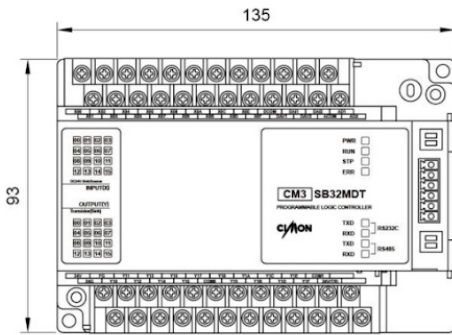
Model		CM3-SB16MDTF	CM3-SB16MDCF	CM3-SB16MDRF
Power		DC12V~24V		
Rated I/O Current	Input	4 mA		
	Output	1 point 0.2 mA, COM 2 A		1 point 2 mA, COM 5 A
Ambient Temp		-10°C~65°C		
Storage Temp		-25°C~80°C		
Ambient Humidity		5~95%RH, Non-Condensing		
Storage Humidity		5~95%RH, Non-Condensing		
Program Language		IL (Instruction List), LD (Ladder Diagram), SFC (Sequential Function Chart), FB (Function Block)		
Data Processing		32 Bit		
Instruction Library		Basic	55 Instructions	
		Advanced	389 Instructions	
Execution Processing Speed		LD X00	300 ns	
		MOV D00 D01	900 ns	
Program Memory		10k Step		
Communication		Ethernet 10/100, RS-232C, RS-485/422, USB mini-B		
Number of I/O Points		DI 8 pts (TR Sink / Source), DO 8 pts (Relay, Sink, or Source)		
Operating Mode		Remote Run, Remote Stop		
Number of Program Blocks		127		
Type of Program		Scan	5 types including standard scan program (Subroutine, COLD / HOT initialization, periodic interrupts)	
		Periodic	Maximum 15 Scan Program (Minimum Period: 10 Mins)	
		Special	PID, HSC, Positioning	
		Communication	User Protocol (Serial) Comm. Program, MODBUS RTU Master, MODBUS RTU/TCP Slave High-Speed PLC Link	
Self Diagnosis		Detect Delay of scan time, Memory, I/O, Power Supply		
Expansion		No Expansion		
Memory Type		X	Physical: 8pts (X00-X07); Memory: 992pts (X20-X63F)	Bit
		Y	Physical: 8pts (Y10-Y17); Memory: 992pts (Y20-Y63F)	Bit
		M	8192 pts (M0000-M511F)	Bit
		L	4096 pts (L0000-L255F)	Bit
		K	4096 pts (K0000-K255F);	Bit
		F	2048 pts (F0000-F127F)	Bit
		T	512 pts (T0000-T0511)	Word
		C	512 pts (C0000-C0511)	Word
		S	100 states x 100 set (00.00-	-
		D	10000 words (D0000-D9999)	Word
		Z	1,024 words(Call Stack: Z0000-Z0063, Z1000-Z1063)	Word
Q	8192 pts (Q0000-Q511F)	Bit		
R	16 pts (Index)	-		
Etc.		Floating Arithmetic, Online edit		

NEW

Micro-S BRICK PLC

CIMON

Specifications



Model	CM3-SB32MDTF	CM3-SB32MDCF	CM3-SB32MDRF
Power	DC12V~24V		
Rated I/O Current	Input	4 mA	
	Output	1 point 0.2 mA, COM 2 A	1 point 2 mA, COM 5 A
Ambient Temp	-10°C~65°C		
Storage Temp	-25°C~80°C		
Ambient Humidity	5~95%RH, Non-Condensing		
Storage Humidity	5~95%RH, Non-Condensing		
Program Language	IL (Instruction List), LD (Ladder Diagram), SFC (Sequential Function Chart), FB (Function Block)		
Data Processing	32 Bit		
Instruction Library	Basic	55 Instructions	
	Advanced	389 Instructions	
Execution Processing Speed	LD X00	300 ns	
	MOV D00 D01	900 ns	
Program Memory	10k Step		
Communication	Ethernet 10/100, RS-232C, RS-485/422, USB mini-B		
Number of I/O Points	DI 16 pts (TR Sink / Source), DO 16 pts (Relay, Sink, or Source) AI 2 pts (0-20 mA, 0-10 V), AO 2 pts (4-20 mA, 0-10 V)		
Operating Mode	Remote Run, Remote Stop		
Number of Program Blocks	127		
Type of Program	Scan	5 types including standard scan program (Subroutine, COLD / HOT initialization, periodic interrupts)	
	Periodic	Maximum 15 Scan Program (Minimum Period: 10 Mins)	
	Special	PID, HSC, Positioning	
	Communication	User Protocol (Serial) Comm. Program, MODBUS RTU Master, MODBUS RTU/TCP Slave High-Speed PLC Link	
Self Diagnosis	Detect Delay of scan time, Memory, I/O, Power Supply		
Expansion	No Expansion		
Memory Type	X	Physical: 16pts (X00-X0F); Memory: 992pts (X20-X63F)	Bit
	Y	Physical: 16pts (Y10-Y1F); Memory: 992pts (Y20-Y63F)	Bit
	M	8192 pts (M0000-M511F)	Bit
	L	4096 pts (L0000-L255F)	Bit
	K	4096 pts (K0000-K255F);	Bit
	F	2048 pts (F0000-F127F)	Bit
	T	512 pts (T0000-T0511)	Word
	C	512 pts (C0000-C0511)	Word
	S	100 states x 100 set (00.00-	-
	D	10000 words (D0000-D9999)	Word
Z	1,024 words(Call Stack: Z0000-Z0063, Z1000-Z1063)	Word	
Q	8192 pts (Q0000-Q511F)	Bit	
R	16 pts (Index)	-	
Etc.	Floating Arithmetic, Online edit		

COMMUNICATION

Ethernet 10/100, RS-232C, RS-485/422, USB mini-B

INCREASED I/O

Get double the digital I/O of the SB16 Brick PLC plus an additional 4 analog channels.

SPEED

- Max 32 PID loop control.
- Equipped with 20 kHz (kpps) high-speed counter.
- 2-axis 100 kHz servo control embedded.