

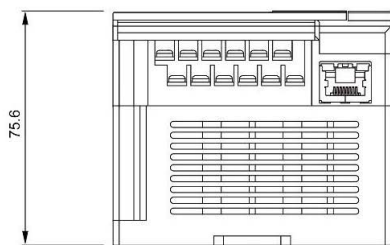
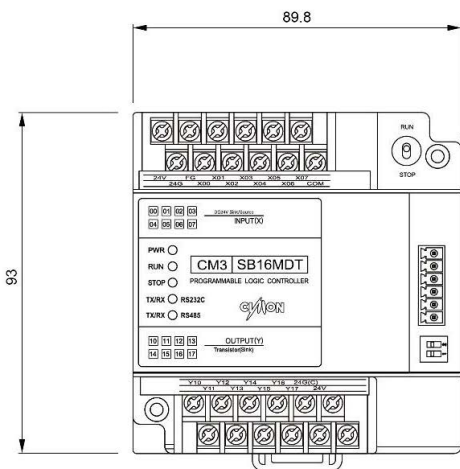
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MICRO-S BRICK TYPE

• Specification



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BRICK TYPE CPU CM3-SB16MDTF | CM3-SB16MDCF

Item	Description	Note	
Power	DC12V~24V	-	
Rated I/O Current	4mA Input; 1 point 0.2A, COM 2A Output	-	
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		
I/O Method	SINK/SOURCE	-	
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 (Basic Instruction)	300 ns/Step	-	
Program Memory	10k Step	-	
Number of I/O Points	DI 8pts, DO 8pts	-	
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 Interrupts	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	8pts (X00-X07)	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); Latching	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 (00.00-99.99)	-
	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.	Real number operations, Online edit		