

JKB Economy Series

JKB basic series type of PLC -with 10,16,24,32 points of hardware design. Suitable for simple applications scenarios with few control points.

FEATURES

- Input : NPN Transistor
- Output : NPN Transistor (T) 30VDC 300mA, Relay (R) 240VAC/3A
- Power Source :80 -260 VAC
- Programming Language : Ladder Diagram, Instruction List
- Programming Step : 3000 Step
- USB / RS232 Port for Programming Download

SPECIFICATIONS

ITEM	SPECIFICATIONS
INSULATION RESISTANCE	DC500V 2M Ω Max
NOISE REDUCTION	Noise Voltage 1000V p-p
ATMOSPHERE	Non-corrosive,flammable gases
AMBIENT TEMPERATURE	0~60
AMBIENT HUMIDITY	5%~95% Non-condensing
COMMUNICATION PORT 1	USB / RS232 Connect main unit ,Programming
COMMUNICATION PORT 2	Connect HMI unit
INSTALLATION	Install with M3 screws or mounted on 35mm Din Rail
EARTH	Do not share with high power system

FUNCTIONAL SPECIFICATIONS

ITEM		SPECIFICATIONS				
OPERATION METHOD		Cyclic Operation				
PROGRAMMING LANGUAGE		Instruction list,ladder diagram				
OPERATING SPEED		0.5 uS				
LATCH		Data Flash				
PROGRAM CAPACITY		4 KB				
MODEL		JKB-10R/T	JKB-16R/T	JKB-24R/T	JKB-32R/T	
I/O POINTS	MAX POINTS	10 points	16 points	24 points	32 points	
	INPUT	6 points X0-X5	8 points X0-X7	14 points X0-X7,X10-X15	18 points X0-X7,X10-X17,X20-X21	
	OUTPUT	4 points Y0-Y3	8 points Y0-Y7	10 points Y0-Y7, Y10-Y11	14 points Y0-Y7,Y10-Y15	
STATE RELAY (S)		32 points	S0- S31			
AUXILIARY RELAY (M)		128 points	M0- M127			
TIMER (T)	POINTS	256 points	T0-T199 :100ms Non-Retentive			
			T200-T245 :10ms Non-Retentive			
			T246-T249 : 1ms Retentive			
			T250-T255 : 100ms Retentive			
SPECIFICATION	100ms Timer : Setting time range 0.1-3276.7S					
	10ms Timer : Setting time range 0.01-327.67S					
	1ms Timer : Setting time range 0.001-32.767S					
COUNTER(C)	POINTS	235 points	16 bit general counter		32 bit general / Bi-direction counter	
			General	Latch Relay	Latch Relay	Special
			C0-C99	C100-C199	C200-C219	C220-C234
	SPECIFICATION	16 bit counter : Setting Value K0-32,767				
32 bit counter : Setting Value K-2147483648~ +2147483647						
CODE PROTECTION		6bit ASCII				
SELF-DIAGNOSTIC		Power-On self-test,watchdog timer,syntax check				
DIMENSION (L X W x H)		100 x 70 x 90 mm	100 x 70 x 90 mm	110 x 115 x 84 mm	115 x 115 x 84 mm	
27 General Instruction:LD,LDI,AND,ANI,OR,ORI,INV,OUT,(OUTT,OUTC),SET,RST,ANB,ORB,LDP,LDF,ANDP,ANDF,ORP,ORF,PLS,PLF,MPS,MRD,MPP,RET,NOP,END						