

JKCA(AD) FUNCTIONAL SPECIFICATIONS

ITEM		SPECIFICATIONS					
INPUT		NPN Transistor					
OUTPUT		NPN Transistor (T) 30VDC 300mA ,Relay (R) 240VAC/3A					
OPERATION METHOD		Cyclic Operation					
PROGRAMMING LANGUAGE		Instruction list,ladder diagram					
PROGRAMMING STEP		3000 Step					
OPERATING SPEED		0.5 μS					
LATCH		Data Flash					
PROGRAM CAPACITY		4 KB					
MODEL		JKCM-16		JKCM-24		JKCM-32	
I/O POINTS	MAX POINTS	16 points		24 points		32 points	
	INPUT	8 points		14 points		18 points	
		2 AD Channel	6 Input	3 AD Channel	11 Input	3 AD Channel	15 Input
		X0 - X1	X2 - X7	X0 - X2	X3 - X7, X10 - X15	X0 - X2	X3 - X7, X10 - X17, X20 - X21
	OUTPUT	8 points		10 points		14 points	
		8 Output		10 Output		14 Output	
Y0 - Y7		Y0 - Y7, Y10 - Y11		Y0 - Y7, Y10 - Y15			
STATE RELAY (S)	32 POINTS	S0- S31					
AUXILIARY RELAY (M)	128 POINTS	M0- M127					
TIMER (T)	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)	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							
DATA REGISTERS(D)	8256 POINTS	7600 General		D0 - D199 , D600 - D7999			
		400 Latch Relay		D200 - D599			
		256 Special		D8000 - D8255			
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		110 x 115 x 84 mm		115 x 115 x 84 mm	
28 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,MOV							
MOV Move Data	Format MOV S D Move Data from storage S to a new storage D			Kn,Dn S K as constant,setting range 0-32767mS Dn as Data Range		D Dn Dn as Data Register	