COMEMOC PLC+HMI

CMC3U070-48MR-2AD-2DA

Standard type (PLC part)

Model	CMC3U-48MR-2AD-2DA
Input Voltage:	DC24V
Program Steps	8000 steps: RS232 protocol 38400,7,E,1;
Input Point X Component	X0-X17, 16 input, NPN type.X0-4 high- counting input port 20KHz. 4 channel single phase counting or 2 channel AB channel counting
Output Point Y component	Y0~Y15 14 Relay output. <250VAC,30VDC Maximum current is 2A.
Analog Input	2 channels 0~10V (can be changed to 0-20mA) , 12-bit , read with RD3A
Analog Output	2 channels 0~10V analog output, 12-bit , Write with WR3A
Intermediate Relay M	M0-M3071, power-off save range can be set
Stepping Point S	S0-1023, power-off save range can be set S0-S1023
100Ms Timer	T0-T199, accumulative power-off save T184-T199
10Ms Timer	T200-T249, accumulative power-off save T246-T249
1Ms Timer	T250-T383, T250-255 is accumulated type
16-bit Counter	C0-C199, power-off save C100-199
32-bit Counter	C200-C219, power-off save C220-C234
32-bit High-Counter	C235-255; C235-240 is single-phase counter, no frequency multiplication; C241-240 is single-phase counter, 2 frequency multiplication; C247-249 is double-phase counter, no frequency multiplication; C250-252 is double-phase counter, 2 frequency multiplication; C253-255 is double-phase counter, 4 frequency multiplication.
Register D	D0-D7999, power-off save range can be set D0-7999

Indirect Addressing Pointer V, Z	V0-7,Z0-7
P Subroutine	P0-63
I Interrupt	X0-5 external interrupt. Timer Interrupt (1ms is unit). Counter interrupt.
Special M Component	M8000 is normally during operation, M8002 power-on pulse, M8011 is 10Ms pulse, M8012 is 100Ms pulse, M8013 is 1s pulse, M8014 is minute pulse.
Download port	Type-C
Communication Port	RS485 PLC port , RS485 HMI port
Software	Mitsubishi GXWorks2

Standard type (HMI part)

- Model : AMT070W16-L800*480R
- Display size(inch) : 7 inch (16:9)TFT LCD
- Dimension (mm) : 203.5*149.5*47
- Mounting dimension (mm) : 192*138
- Operating temperature : -10~50℃
- Operating humidity : 10%RH~90%RH (no condensation)
- Housing Material : Engineering Plastics
- Resolution : 800*480
- LCD: TFT LCD
- Bright: 250
- Touch panel: 4-wire resistive touch screen

- Backlight LED: Lifespan 20000 hours support adjustment
- Storage : 64MB NAND Flash
- Memory: 32MB DDR2
- CPU : 600MHz ARM9
- Upload & Download port: Type-C cable, USB flash drive
- Communication port: none
- Voltage/Power : DC24V (voltage range: DC22V~26V) 4W
- Cooling mode : Natural air cooling
- Protection level : The front board is in line with IP65 and the back of the fuselage is in line with IP20
- Power protection : With +/- 250V lightening wave surge protection capabilities
- Software : CMC standard HMI software (HMI Studio 5.1)