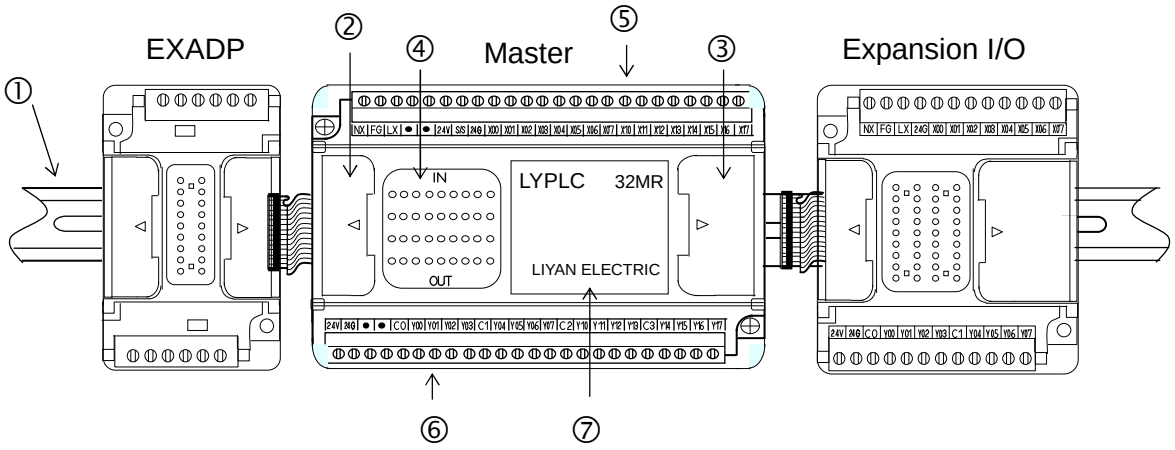
◎ Master Unit & Expansion Unit

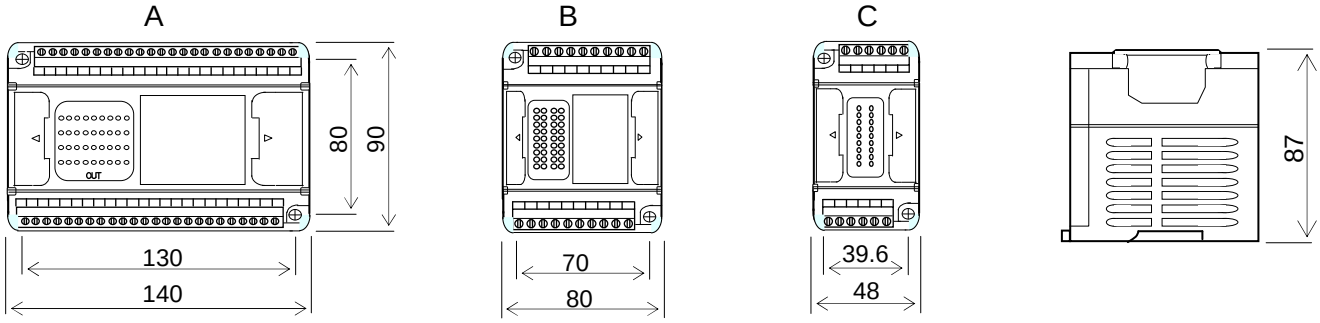


- Master unit, Expansion I/O unit, Expansion module and EXADP communication module all can assembly to ① (35mm)
- Open ③ connector cover, connected master unit and expansion i/o unit or expansion module.
- Open ② connector cover, connected master unit and EXADP communication module.
- ④ is the LED monitor of input relay, output relay, power, run status and error status.
- ⑤ is the terminal of input relay, ⑥ is the terminal of output relay.
- ⑦ is EEPROM card.

J 32 M R -

- No Mark:AC110/220V, D : DC24V
- Type of output: R : Relay, T : Transistor, X : All input, Y : All output
- M: Master , E: Expansion
- I/O points (24,32)
  2n can expansion(with axes function) ; 1n can expansion ; 1s can't expansion
- 22A : two axes, 24A: four axes, (without Interpolation function with floating)
  22B : two axes ; 24B : four axes(with Interpolation with floating)
- Series name

◎ Dimension (mm)



◎ Performance Specification – J series

ITEM		J1	J2n--
Operating control method		Cyclic operation by stored program	
I/O control method		Batch processing method (when END instruction is executed)	
Operation time		Basic instruction 0.5us, Applied instruction from 2us to several 100us.	
Programming language		Relay symbolic language + Step ladder	
Program capacity / memory		16000 steps (built in EEprom)	
Number of instruction		Basic instruction:27, Step ladder instruction:2, Applied instruction:107	
Input Relay		X000 ~ X177 (Sink/Source DC24V 7mA photo coupler isolation)	
Output Relay		Y000 ~ Y177 (Relay : AC250V/1A or Transistor : DC30V/0.5A)	
Auxiliary Relay (M)	Latched	M000 ~ M499 (EEprom backup)	
	General	M500 ~ M1535 (no backup)	
	Special	M8000 ~ M8255 (no backup)	
State Relay (S)	Latched	S000 ~ S499 (EEprom backup)	
	General	S500 ~ S999 (no backup)	
Timer (T)	100 msec	T000 ~ T199 (no backup)	
	10 msec	T200 ~ T245 (no backup)	
	1 ms integration	4 points, T246 ~ T249 (EEPROM backup)	
	100 ms integration	6 points, T250 ~ T255 (EEPROM backup)	
	Analog	2 points (Defined by user)	
Counter (C)	16bits Counter	Latched C00 ~ C31 (EEprom backup)	
		General C32 ~ C199	
	32bits Counter	General C200 ~ C215	
		Latched C216 ~ C255 (EEprom backup)	
	High Speed Counter	6 points : X0 ~ X5, 1phase1count 100KHz, 2phase2count 100KHz	
Data Register	Latched	D000 ~ D255 (EEprom backup)	
	General	D256 ~ D7999 (can used FNC(12) MOV stored at EEPROM)	
	Special	D8000 ~ D8255 (no backup)	
Index		V0 ~ V7, Z0 ~ Z7	
Next Routine (N)		N0 ~ N7	
Pointer (P)		P000 ~ P127 (CJ,CALL)	
Pointer (I) Interrupt (I)		I00x, I10x, I20x, I30x, I40x, I50x (external interrupt), x=1 rising edge, x=0 falling edge	
		I8xx (timer interrupt), xx=10~99ms	
		I010, I020, I030, I040, I050, I060 : High Speed Counter interrupt	
Communication Interface		RS-422(COM1)	
		Option RS-232C/RS-422,RS-485(COM2)	
Calendar	(Option)	Week, Year, Month, Day, Hour, Minute, Second	
Constant(K)	Decimal	16 bits: -32,768 ~ +32,767	
		32 bits: -2,147,483,648 ~ +2,147,483,647	
Constant(H)	Hexadecimal	16 bits: 0000h ~ FFFFh	
		32 bits: 00000000h ~ FFFFFFFFh	

◎ General Specification

Item	Description
Source Voltage	100~240VAC 50/60 Hz
Supply current	24VDC / 800 mA
Momentary power failure	Keep operation in 10 ms
Breakdown voltage	AC1500/1min (between output terminal and frame ground terminal)
Isolation resistance	DC500v/5mΩ
Noise Impedance	Noise voltage: 1000Vp-p, noise width: 1 us
Grounding	Class 3 ground
Ambient Temperature	0 ~ 55°C
Ambient humidity	35 ~ 85 RH (without condensation)
Atmosphere	Must be free from corrosive gasses