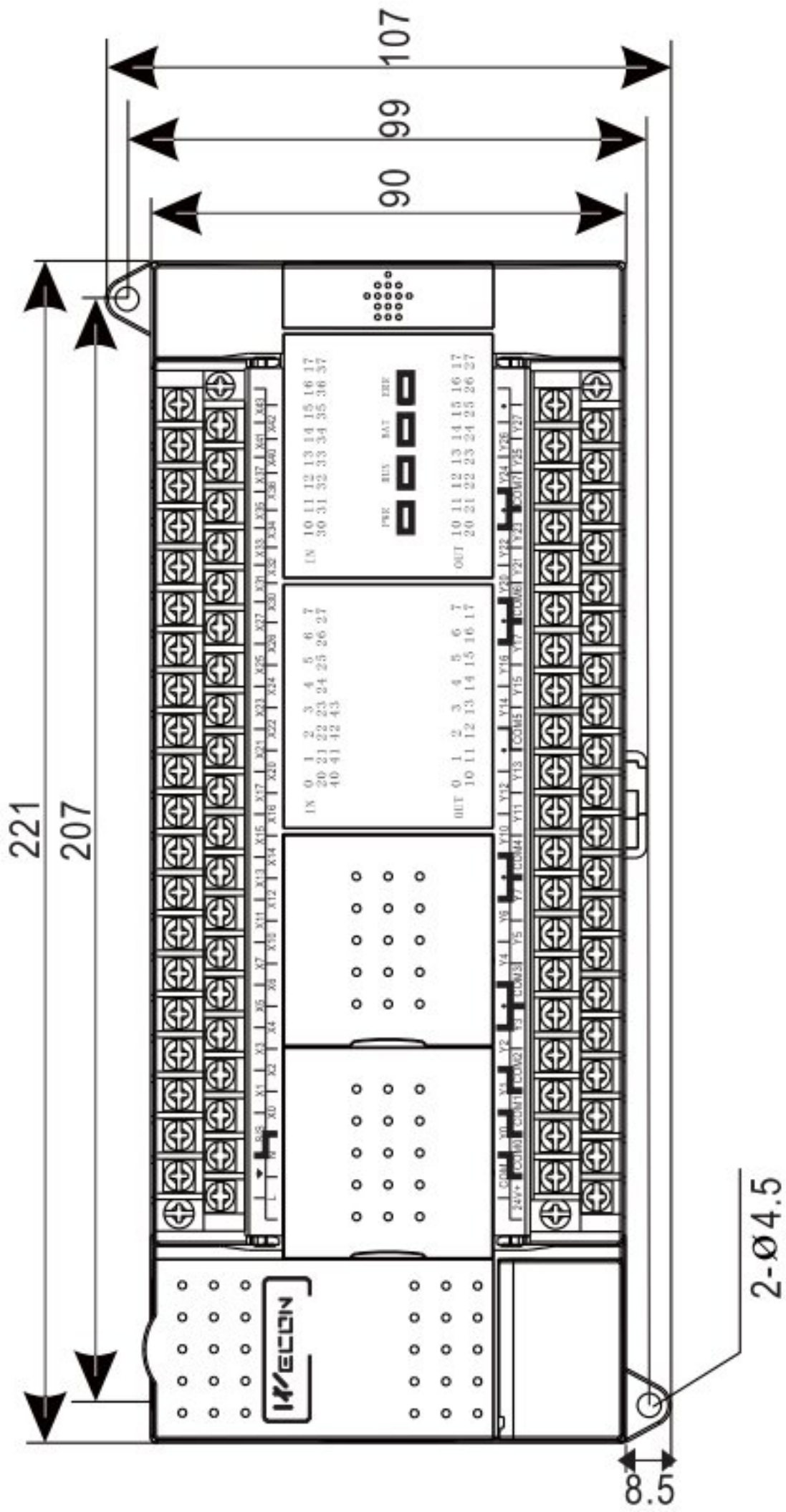


| LX5V Model             | I/O   | Output Type | Pulse Counter | E-CAM | Pulse Output | RS485 | BD Board | Module | Power Supply | Ethernet |
|------------------------|-------|-------------|---------------|-------|--------------|-------|----------|--------|--------------|----------|
| LX5V-2424MT-A(D/AN/DN) | 24/24 | Transistor  | 8             | YES   | 8            | 2     | 2        | YES    | AC(DC)       | Optional |
| LX5V-3624MT-A(D/AN/DN) | 36/24 | Transistor  | 8             | YES   | 8            | 2     | 2        | YES    | AC(DC)       | Optional |

GENERAL

| Item                         | LX5V Series                                                                                                                                       |
|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| Running Mode                 | Round Scan/ Interrupt                                                                                                                             |
| Programming                  | Instruction List/ Ladder                                                                                                                          |
| Total Instructions           | Basic Instructions: 29 / Application Instructions: 170                                                                                            |
| Execute time                 | Basic Instructions: 0.01-0.03us                                                                                                                   |
| System Storage               | 512KB                                                                                                                                             |
| Download/ Monitoring         | Serial Programming Cable (Serial port) / Micro USB                                                                                                |
| High Speed Counter Interrupt | 100 Channels                                                                                                                                      |
| High Speed Pulse Output      | Transistor: 8 channels / 200K                                                                                                                     |
| External Input Interrupt     | X0-X7 supports both rising and falling edges                                                                                                      |
| Timer Interrupt              | 100 Channels, Interruption time (min): 0.1ms                                                                                                      |
| High Speed Input Single      | 8 Channels 150KHz                                                                                                                                 |
| High Speed Input AB Phase    | 8 channel 100KHz, frequency modes: 1/2/4 times                                                                                                    |
| Holding Addresses            | Adjusted by software                                                                                                                              |
| Storage                      | FLASH                                                                                                                                             |
| Filter                       | For all X input terminals                                                                                                                         |
| Serial Port                  | COM1: RS422 or RS485<br>COM2: RS485                                                                                                               |
| Temperature                  | Working Temperature: 0 ~ 55°C / Storage Temperature: -20 ~ 70°C                                                                                   |
| Humidity                     | 35~ 85%RH (Without condensation)                                                                                                                  |
| Shock Resistance             | JIS C 0040 Standard                                                                                                                               |
| Influence Immunity           | Meet the IEC61000-4-4 and GB/T 17626.4 standard:<br>Noise voltage amplitude 1KVP-P, pulse width 10us, period 0.3 s, edge time 5ns, duration 1min. |
| USB Supply                   | Use for upgrading firmware, downloading ladder diagram                                                                                            |



POWER SUPPLY

| Item              | AC                                     | DC                                                      |
|-------------------|----------------------------------------|---------------------------------------------------------|
| Power Supply      | AC 85~265V 50 ~ 60Hz                   | DC 24V±10%                                              |
| Power Outage Time | 10ms                                   | 10ms                                                    |
| Power Fuse        | 250V 3.15A                             | 250V 3.15A                                              |
| Rush Current      | <15A 5ms / AC 100V; <30A 5ms / AC 200V | <15A 1ms / DC 24V                                       |
| Power Consumption | <60W                                   | <30W                                                    |
| Power Output      | DC 24V 700mA                           | <30w(Not include the external power supply for modules) |

OUTPUT

| Item               | Relay                          | Transistor                               |
|--------------------|--------------------------------|------------------------------------------|
| Output Mode        | --                             | NPN                                      |
| Input Power Supply | DC 24V                         | DC 24V                                   |
| Output Circuit     | <AC 250V or <DC 30             | DC 5~30V                                 |
| COM Port Current   | --                             | <0.1mA (DC 30V)                          |
| Insulation         | Mechanistic                    | Optical Coupling                         |
| Leak current       | --                             | 0.1mA / DC 30V                           |
| Min. Load          | --                             | DC5V 2mA                                 |
| Max. Load          | Resistive 2A point 8A COM port | 0.5A point 0.8A COM port 0.3A HSPO point |
|                    | Inductive 80VA                 | 12W/DC24V 7.2W HSPO point                |
|                    | General 100W                   | 0.9W/DC 24V                              |
| Response Time      | <10ms                          | <0.2ms<br>(Pulse output terminal: <5us)  |

