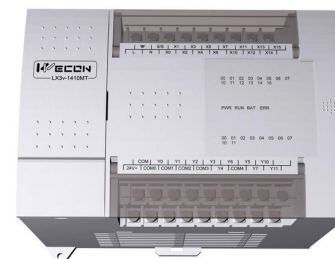


| Model | I/O | Output Type | Pulse Output | RS485 | BD Board | Module |
|-----------------|---------|-------------|--------------|-------|----------|--------|
| LX3V-1212MT-A | 12 12 | T | 2 | 2 | 1 | √ |
| LX3V-1212MR-A | 12 12 | R | 0 | 2 | 1 | √ |
| LX3V-1212MR2H-A | 12 12 | R/T | 2 | 2 | 1 | √ |
| LX3V-1212MT4H-A | 12 12 | T | 4 | 2 | 1 | √ |
| LX3V-1412MT-A | 14 12 | T | 2 | 2 | 1 | √ |
| LX3V-1412MR-A | 14 12 | R | 0 | 2 | 1 | √ |
| LX3V-1412MR2H-A | 14 12 | R/T | 2 | 2 | 1 | √ |
| LX3V-1412MT4H-A | 14 12 | T | 4 | 2 | 1 | √ |
| LX3V-1212MT-D | 12 12 | T | 2 | 2 | 1 | √ |
| LX3V-1212MR-D | 12 12 | R | 0 | 2 | 1 | √ |
| LX3V-1212MR2H-D | 12 12 | R/T | 2 | 2 | 1 | √ |
| LX3V-1212MT4H-D | 12 12 | T | 4 | 2 | 1 | √ |
| LX3V-1412MT-D | 14 12 | T | 2 | 2 | 1 | √ |
| LX3V-1412MR-D | 14 12 | R | 0 | 2 | 1 | √ |
| LX3V-1412MR2H-D | 14 12 | R/T | 2 | 2 | 1 | √ |
| LX3V-1412MT4H-D | 14 12 | T | 4 | 2 | 1 | √ |



GENERAL

| Item | LX3V Series |
|-------------------------|---|
| Running Mode | Round Scan/ Interrupt |
| Programming | Instruction List/ Ladder |
| Total Instructions | Basic Instructions: 27 / Applied Instruction: 138 |
| Execute time | Basic Instructions: 0.06us / Applied Instruction: 1~10us |
| System Storage | 16K |
| Download/ Monitoring | Serial Programming Cable / Mini USB |
| High Speed Pulse Output | Transistor: 2 channels (4 channel optional) / Relay N/A (2 channel optional) |
| External Interrupt | 6 Channels |
| Timer Interrupt | 3 Channels |
| Holding Addresses | Adjustable |
| Storage | FLASH |
| Filter | For all X input terminals |
| Serial Port | COM1: RS422 or RS485 COM2: RS485 |
| Temperature | Working Temperature: 0 ~ 55°C / Storage Temperature: -20 ~ 70°C |
| Humidity | 5~ 85%RH (Without condensation) |
| Shock Resistance | JIS C 0040 Standard |
| Influence Immunity | Meet the IEC61000-4-4 and GB/T 17626.4 standard: Noise voltage amplitude 1KVP-P, pulse width 10us, period 0.3 s, edge time 5ns, duration 1min. |

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 | <35W | <30W |
| Power Output | DC 24V 850mA | No |

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 (Pulse output terminal: <5us) |