



Note Shown image is just for illustration original may differ

1. AC Servo Module : 1 No.

- Power : 400W
- Rated Voltage : 220V
- Rated Speed : 0 to 3000 r/min.
- Current : 1.0Ampere
- Control type : PWM control using Drive
- Encoder : 2048 / 2500 / 10000 Pulse / Rev. (Incremental, Absolute)
- Dynamic brake : Servo/Controller off Operable with the built-in alarm activated

Servo Drive System : 1 no.

- LED display : 5 digit seven segment display
- Function key : 5 nos. (mode, shift, up, down, set)
- PLC : 1 no.
- Digital inputs : 4 nos.
- Digital outputs : 4 nos.
- Communication : USB

Speed DPM display : 1 no.

- Display : Single
- Display: 4-digit, 0.56", 7-segment, red LED display
- Range : 4 to 5000 RPM
- Input : PNP switch
- Supply : 100 to 270V AC

Inductive Proximity Sensor : 1 no.

- Type : M12
- Output : PNP/NPN NO
- Sensing distance : 4 mm

Voltage DPM display : 1 no.

- Measuring range : 0-10VDC
- Variable DC Supply (0-10V) Potentiometer : 1 no.
- Measuring range : 0-10VDC
- Toggle switch : 6 nos. (One for Servo on/off, One for direction, four for PLC inputs.)
- Indicator : 2 nos. (One for servo status and one for direction)
- Power Indicator : 1 no.

2. Contactor : 1 No.

- Make :Siemens 3RT2 Contactor
- Operating Voltage :24 V DC Coil
- 3-Pole, 9 A, 4 kW
- 3NO
- 400 V AC

3. Solenoid Valve : 1 No.

- Line Size : ½"
- Operating Voltage : 24VDC
- Operation :Directing Acting
- Acting Type :Normally Closed type

4. Induction Motor : 1 No.

- Power: 0.5HP
- Speed: 2500-3000 RPM
- Voltage -415VAC
- Operating voltage-Three phase

5. Stepper Motor : 1 No.

- Motor Type : Unipolar
- Torque : 6 Kg-cm
- Phase Current : 0.8 Amp.
- Stepping Angle : 1.8/0.9

6. DC Motor : 1 No.

- Operating Voltage : 24VDC
- RPM: 500-1000

7 Variable frequency Drive

1. 0.55-01 kW,
2. 380 to 500V,
3. 3 phases- 380–480V AC, 50/60 Hz
4. Frequency Range: 0.1 Hz to 599 Hz
 - PLC Integration & Communication- Digital Communication: Built-in Modbus RTU/TCP, EtherNet/IP, or PROFINET for high-speed data exchange with the PLC.
 - Analog I/O: Typically, 0–10V DC or 4–20mA for speed reference and feedback.
 - Discrete I/O: 24V DC logic for Start/Stop, Reverse, and Fault Reset commands.
5. Control Methods: Supports Scalar (V/Hz), Open-loop Vector, and Closed-loop Vector control for high-precision torque and speed regulation
6. Safety Features: Safe Torque Off (STO) or Safe Stop 1 (SS1) for emergency shutdowns.

8. Bulb : 2 Nos.

- Capacity : 100W

9. Solid State Relay : 1 No.

- 40 Amp
- 3-32 V DC Input
- Controls 24-380 V AC Devices

10. DPDT Relay : 1 No.

- Electromagnetic Power Relay
- 8-Pin 10 AMP 24V DC Relay Coil with Socket Base,

11. Tower Light : 1 No.

- 3 Tier LED Tower Light
- Color: Red, Green, Yellow
- Supply Volts: 24VDC
- With Buzzer

12. Linear Actuator : 1 No.

- Operating Voltage (VDC):24
- Stroke Length (mm):100
- Force (N):1500
- Speed (mm/s):7-10
- Protection level : IP55
- Self Locking Force :1500N-1800N

13. Seven segment display module : 1 No.

- Seven segment display : 2 nos.
- Input operating voltage : 5V/12V
- PLC connection :2mm sockets