



ATS48: High Performance for Standard & Severe Industrial Applications

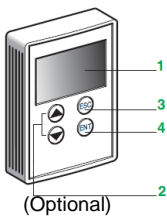


Power Range:
4 KW- 1200 KW

Voltage Range:
208V- 690V, 3 Ph

Integrated Communication:
Modbus Communication

Inputs/ Outputs:
4 logic inputs, 2 logic outputs, 3 relay outputs and 1 analog output



- 1 7 Segment Display
- 2 Buttons for scrolling or modifying values
- 3 ESC button for exit
- 4 ENT button for entering menu or confirming new value selected

(Optional)

[ATS48 Catalogue](#)

Smooth Starting & Stopping:

- True 3 Phase Control
- Starting and stopping by **Torque Control System** (TCS: Patent)
- Controlled torque during acceleration & deceleration
- TCS with boost—adjustable from 50 to 100% of mains voltage
- Current limit—adjustable from 150 to 500% of controller rating

Robust Performance:

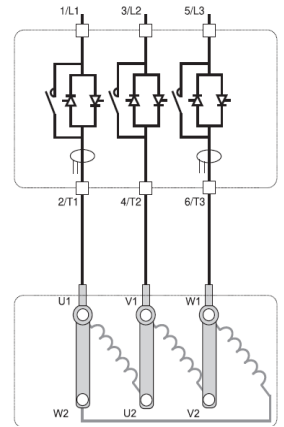
- 10 Starts per hour
- Numerous Configurable Inputs/ Outputs
- Dual Motor Configuration
- Cascade function for upto 255 motors
- Motor Preheating Function
- Real Time Indication via digital keypad
- Bypass Duty Class: Flexibility of selecting AC1 or AC3 duty
- Dynamic brake stop

Advanced Protection Functions:

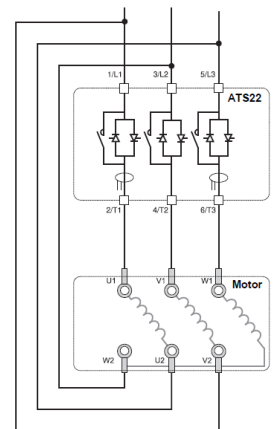
- Selectable overload protection class
- Overload pre-alarm
- Phase loss and reversal protection
- Stall protection during start
- Protection from material jams while running
- Underload detection

Motor Connection Options:

- 3 Wire (Inline)
- 6 Wire (Inside Delta)



3 Wire Connection



6 Wire Connection

Targeted Applications

- Centrifugal Pumps
- Piston Pumps
- Fans
- Cold Compressor
- Screw Compressor
- Centrifugal Compressor
- Piston Compressor
- Conveyor
- Lifting Screw
- Drag Lift
- Bucket Elevator
- Pulper
- Agitator
- Mixer
- Grinder
- Crusher
- Refiner
- Press

