

## PAT 5E

Swaraj's Patriot series PAT 5E Barriers are the ideal choice for heavy duty operation under a corrosive environment. When the requirement is combination of maintenance free operation and aesthetic looks, Patriot barriers fits in perfectly. The inbuilt LED of the PAT 5E barrier gives it a perfect aesthetic look.

### FEATURES AND BENEFITS

#### 100% DUTY CYCLE OPERATION WITH 5 MILLION MTBF

Maintenance-free GEAR motor ensures 100% duty cycle operation with 5 million MTBF. The heavy duty Gear Drive Motor is environment friendly, energy-saving, and maintenance-free. There is no electric shock or overheating while working continuously, which protects the controller and prolongs its lifetime.

#### EASY INSTALLATION AND MAINTENANCE REDUCES YOUR LABOUR COST

Simple structure and double limit switch design ensures easy installation and maintenance and also reduces maintenance cost.

#### MANUAL OPTION IN CASE OF POWER FAILURE

If power is suddenly switched off while the boom is closing, the barrier is equipped with a manual knob which enables the operator to manually open or close the barrier.

#### HEAVY-DUTY, WEATHER-PROOF AND SIMPLE-DESIGN HOUSING

The housing is manufactured from galvanized iron sheet duly epoxy powder coated which ensures that the colour does not fade over time.

#### SINE LEVER DRIVE MECHANISM ENSURES SMOOTH LANDING OF BOOM WITHOUT SHAKING

The patent pending precise casting sine lever drive mechanism enables the boom arm to move from slow to fast when it starts, and fast to slow when it stops. This effectively reduces the shaking of the boom arm and reduces the burden of the electrical motor. In this way the lifetime of the motor and mechanical components are prolonged.



### SPECIFICATION

MODEL NO.	PAT 5E; PAT 5E-L (Illumination)
MECHANISM	ELECTRO-MECHANICAL
MOTOR POWER	90 W, 230 V (AC)
OPENING/CLOSING SPEED	4-5 SEC
MAXIMUM BOOM LENGTH	5 METERS
HOUSING MATERIAL	POWDER COATED STEEL
HOUSING DIMENSION	350mm×250mm×1070mm
OPERATIVE OPTIONS	REMOTE CONTROL / PUSH BUTTON / ACCESS CONTROL
IN CASE OF POWER FAILURE	OPEN/CLOSE OPTION WITH MECHANICAL MANUAL HANDLE
SAFETY FEATURES (OPTIONAL)	WARNING/ TRAFFIC LIGHTS, PHOTOCCELL EYE FOR HUMAN SAFETY, LOOP DETECTOR FOR VEHICULAR SAFETY
DRIVE	HARDENED GEAR MOTOR DRIVE
OPERATING TEMPERATURE	-25 DEGREE CELSIUS TO +60 DEGREE CELSIUS
HUMIDITY	5%-95%
MTBF	5 MILLION OPERATIONS



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