

# EASY-FIT - TM5897 (rev2)

## BASIC INSTRUCTION

### Important Note:

This unit is designed to operate a rolling shutter door by means of external push-button control. It should be installed by a competent person and in accordance with BS 7671.

Connection of the unit and the features selected by the installer should be chosen to provide maximum safety to property and personnel.

### Features

- Sequential operation mode (*OPEN-STOP-CLOSE-STOP*) or Individual button control (*UP, STOP, DOWN*)
- Flashing light to show the door is operating or constant courtesy light (On time same as Run Time Length)
- Programmable run timer 5 - 100 sec's
- Connection for additional Safety Brake
- Dead-man operation in both directions or Impulse open / dead man close control

### TECHNICAL DATA

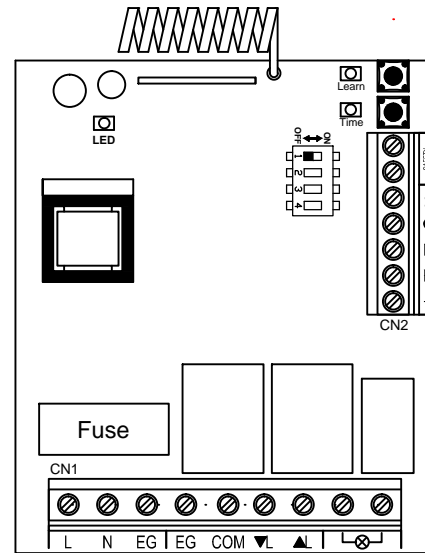
Power Supply	230 VAC	50Hz	
Max motor load	750 W	Working Temp	-20 to + 60°C
IP rating (Enclosure)	56		
Dimensions (in mm)	150 (l) x 100 (w) x 40 (h)		
Protection Fuse	F10A		
Control By	Membrane buttons, or External connection		
Complies to EN Standards	EN300220-1, EN301489-1, EN62479, EN60950-1		

### Troubleshooting - Basic faults

#### Motor will not run

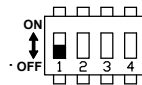
Check:

- Mains power supply present
- Fuse F1
- Green power LED is lit
- Link must be fitted to terminals '**com**' and '**■**' unless a push button station fitted with a dedicated **N/C STOP button** is used
- Link must be fitted to '**SAFETY BRAKE**' connection if no safety brake is used
- DIP switches are correctly set for feature



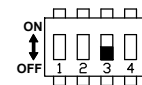
### DIP switch functions

#### 1. Motor running direction



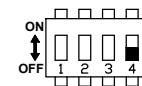
ON	Reverses direction to suit motor handing
OFF	Normal running direction

#### 3. Light (230V AC)



ON	Flashing while running
OFF	On constant for duration of the run timer

#### 4. Impulse / Dead man Mode



ON	Dead man OPEN / CLOSE
OFF	Impulse OPEN / Dead man CLOSE
OFF	***MUST BE OFF IF FIRE SIGNAL USED***

### Run Timer

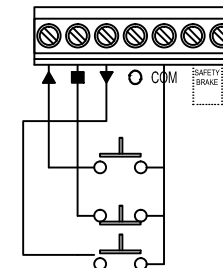
The unit has a programmable run timer 5 - 100 secs - this should be set as close as practical to the door travel

- Press and hold 'TIME' button
- 'Time' LED starts to flash
- Keep button pressed for required time
- 1 flash = 1 sec
- For max (100s) press and hold 'Time' button
- Time LED flashes quickly

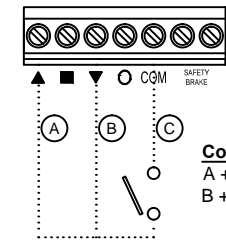
### Connections

CN1		CN2	
L	Mains Supply - Live	▲	Open (N/O contact)
N	Mains Supply - Neutral	■	Stop (N/C contact)
EG	Mains Supply - Earth	▼	Close (N/O contact)
EG	Motor - Earth	○	Impulse (N/O contact)
COM	Motor - COM (neutral)	COM	Common
▼L	Motor - CLOSE	SAFETY BRAKE	Safety Brake
▲L	Motor - OPEN		
⊗	Light 230 VAC 40W max		

Connection for 3 push button control

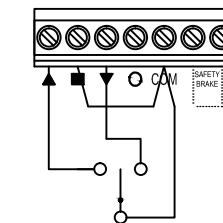


Connection for N/O Volt Free Fire Alarm Signal

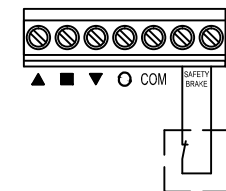


**Connections**  
A + C = door open  
B + C = door close

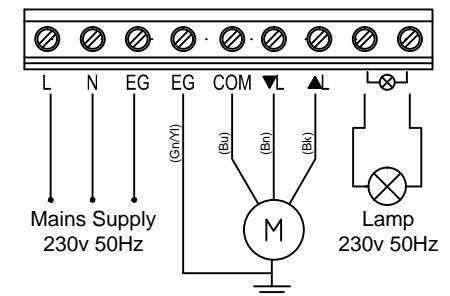
Connection for key switch control



Connection for safety brake



Mains supply, Motor Lamp connections



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