Tubular Motor Control Panel User Manual TM516X

A6

I. Specification

- 1 .Working voltage: 220VAC,50HZ/60HZ
- 2. Loading capacity: 2HP, 240VAC
- 3. Working frequency: 433.92MHz
- 4. Built-in fuse: electrocircuit (0.5A), motor (10A)
- 5 Temperature range: -20°C to 60°C.
- 6,Code:Rolling code/Fixed code
- 7, with external button and photocell protection
- 8. Size: 113×74×44MM
- 9. Weight: 338g IV. Set up

II . Safety Instruction

- 1. For security, please read the instructions carefully before initial operation; making sure that the power is off before connection.
- 2 .The received signal may be interfered by other communication devices. (e.g. the wireless control system with the same frequency range)
- 3. It is forbidden to control the high-risk coefficient equipment / system. (e.g. cranes)
- 4. It should be applied in dry indoor place or in the electric appliance place.

Continue pressing the learning button (about 8s) until LED turns green then release the learning button, LED turns red (about 1s) then turns green. It

V, Tubular Motor Control Panel Work Process

1. LED: Power, indicated light

. Transmitter learning and deleting button

3, 4, 5. Open, stop, close button

.Stop button

.Fuse: 10A

Fuse: 0.5A

terminal blocks

● L\N connects working power

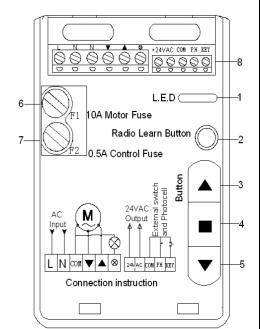
 COM/▲/▼ connects motor connects flash lamm

• 24VAC output 24V AC voltage • GND/PH connects external photocell protection switch

GND/External switch connects external control button

AC Motor 24VAC output 🖫 AC input COM V \bigcirc \bigcirc

VIII. Installation Process



2. Erasing Transmitter: V: Operational process

5.1 Three button control system with transmitter and non-Latch model

Button 1,2,3 in transmitter is in correspondence with open, close and stop.

5.2 Single button control system and non-Latch model

Press-Open(motor works clockwise), press-stop, press-close(motor works anti clockwise), press-stop, and so on in a loop.

indicates that the erasing process is successful

Single-button control is only effective to the learned button; if a new button of transmitter learned into the control panel, the formal one is useless. (e.g.: if learned button 🛈 at first, and then button ② or ③, the former button ① becomes invalid).

1 Learning / memorizing transmitters Press the learning button on the panel, LED turns into red and gets into learning state; press the same button twice on the same transmitter, LED blinks for

5.3 Infrared sensor protection

It only work when door closing. Motor stops after 1 second and reverse when photocell signal disconnecting during door closing.

(External photocell PHOTO port connects photocell normally close switch)

External switch is single button control. Press-Open (motor works clockwise), press-stop, press-close (motor works anti clockwise), press-stop, and so on in a loop.

a while and turns into green shows transmitter has been learned successfully.

NOTE:

- 1. Single-button control refers to single button in transmitter; ▲ ▼ in control panel is in correspondence with open, close and stop.
- 2. Max running time means that the motor's maximum running time at a time is 100S; the motor stops immediately if longer than 100S. 3. ▲ ■ ▼ in control panel and OPEN STOP CLOSE button in transmitter are in correspondence with open, close and stop.

VII Model list										
Model 220VAC	TM5161	TM5162	TM5261	TM5262	TM5163	TM5164	TM5165	TM5166	TM5265	TM5266
Model 110VAC	TM5181	TM5281	TM5182	TM5282						
Frequency	433.92mHZ									
Code	Rolling code						Fixed code			
Transmitters stored	30	30	30	30	300	300	60	60	60	60
Control system	Three buttons	Single button								
Color	Black	Black	W/hite	White	Black	Black	Black	Black	White	W/hite

VIII Self learning: learning new remotes by old remotes



Old one

SIEP II Use the trasmitter that already has been learned as old transmitter press button 1 and hutton 2 at





STEP2: then press button 2 to let LED turns into red. New transmitter can be learned





STEP3: Press the same hutton on the new transmitter twice The learning process new transmitter can be learned without pressing the

installation 35mm and distance is 13mm.



1 Drill In the position.drill two φ6 holes with the depth of about

3.Install panel Fix the top side of buckle to the installation hole of the back of control panel, the other side of buckle is in close connection with outer surface.



B

Fix the expansion screws, buckle and 4*25 screw on the wall; Note the direction of buckle, fix the deep side on top (as shown in picture 2)

2.Install buckle

4.Connection&install decorative covers



According to the connection instruction of control panel; when connecting, applied to the actual line circuit to choose the top or bottom holes of control panel; After checking there is no errors, install the decorative covers;Complete the installation.

The interpretation and ownership of this manual belong to Hiland company. Any change of the product can be without prior notice.

Old one