Phase loss protection pump motor remote switch

Product Instructions

- Be sure to read this instruction manual carefully before use so that you can use the product correctly.
- Please keep the instruction manual in a safe place after reading it.

Product Application

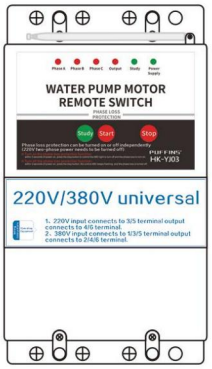
This product is an intelligent product. It is mainly used for household appliances, pumps, motors, control lamps and lanterns, etc. In addition this product supports custom service, please contact customer service if you need!

Product Features

- Phase loss protection
- Built-in transformer
- Screw mounting
- Through-wall control
- Remote control switch
- Manual switch
- Multi-mode

Product Parameters

- Product Name:Pump motor remote control switch
- Product Brand:PUFFINS/Puffin
- Product Model:HK-YJ03
- Control mode:Remote control,manual
- Operating voltage:AC220V/380V
- Relative humidity:<95%
- Ambient temperature::-40° C~70° C
- Size of main unit:126*230*76mm
- Installation mode:Screw installation
- Applicable power:11KW 22KW



Operation Description

Remote control learning and code clearing

Learning method: (interlock) After the power is on, press and hold the "learn" keyuntil the learning light is on, let go, press the remote control "on" key, the learninglight is off, learning success.

(Self-locking) After the power is turned on, press and hold the "Learn" button untilthe learning lamp lights up release the button, press the remote control "Off" buttonthe learning lamp goes off, and the learning is successful.

(Pointing) After the power is turned on, press and hold the "Learn" key until thelearning lamp lights up, let go, then press the remote control "On" key and "Off" key at the same time, the learning lamp goes off, and the learning is successful.

Clear the code: Turn on the power, press and hold the learning key, the learning light will be on, keep pressing the key until the learning light is off, then the code will becleared successfully.

The remote control switch has been paired to interlock mode when it is shipped no need to match again.

Phase protection

Phase loss protection can be turned on or off by choice (default is to turn off phase loss protection)
If used to control 380V equipment, this function can be activated as needed

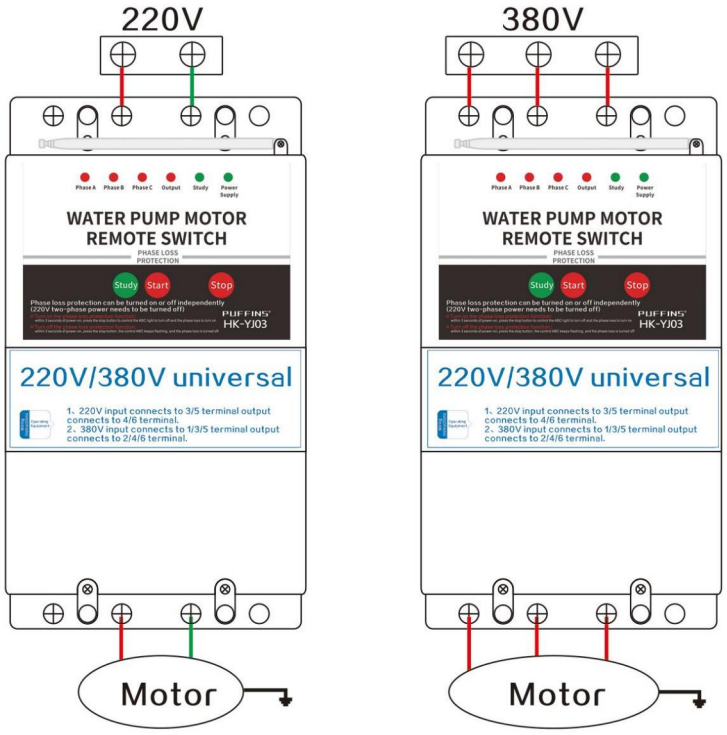
Open phase protection function: Within 3 seconds of power on, press the stop button, press until the ABC light is off phase protection is on.

Close the phase loss protection function: Within 3 seconds of power on, press the stop button, press until ABC keeps flashing, the phase loss is closed.

Service hotline: 15537119097 (Same as WeChat)
Company address: Jiatu, Electronic and Electrical Industrial Park, High-tech Zone, Zhengzhou, China

Phase loss protection pump motor remote switch

Product Connection



This controller is 220V380V universal equipment, connected to 220V power supply can control 220V equipment, connected to 380V power supply can control 380V equipment.

Note: This controller must be added to the front of the circuit breaker. Disconnect the main power supply when not in use to prevent accidents! If an accident occurs as a result, the company does not bear!!!!

Matters Needing Attention

- Do not use this timer switch for equipment that may cause accidents related to human lifeor have a significant impact on the trial due to the error of the timer switch (e.g. medical equipment and large equipment, etc.).
- When using this timer switch, please make sure that the characteristics and performance of the timer switch have sufficient margin when using the equipment (e.g. large heaters or cold storage, etc.) in which major property damage may occur due to the error of the timer switch When using this timer switch, please make sure that there is enoughmargin for the value of characteristics and performance, and take safety measures such as double circuit.
- Do not repair, disassemble or modify the product by yourself. Please make sure to entrust the repair and inspectionto the dealer or the construction company.
- The switch is designed to operate in an environment free of moisture, corrosion and high metal content gas. Keep away from places where there is interference with the remotecontrol signal such as high-voltage lines and large transformers.
- Do not touch the terminal part after the power is turned on.
- Do not expose the switch to oil or water.

Service hotline: 15537119097 (Same as WeChat)
Company address: Jiatu, Electronic and Electrical Industrial Park, High-tech Zone, Zhengzhou, China

Phase failure protection pump motor remote control switch

Product Instructions

- Please be sure to read this instruction manual carefully before use in order to use the product correctly.
- After reading, please keep the instructions in a safe place.

Product Application

This product is an intelligent product. It is mainly used for household appliances, water pumps, motors, control lamps and lanterns and other occasions. In addition, this product supports customised service, please contactcustomer service if needed!

Product Features

- ◆ timed out
- ◆ Built-in transformer
- ◆ Screw Mounting
- ◆ wall penetration control
- ◆ remote switch
- ◆ manual switch
- ◆ multimodal
- ◆ phase failure protection

Product Parameters

- Product name: Remote control switch for water pump motor
- Product Brand: PUFFINS
- Product Model:HK16-QX01
- Control mode: remote control, manual, timer off
- Operating voltage: AC220V/380V universal
- Relative humidity: <95%
- Environmental temperature: -40℃~70℃
- Host size: 126*230*76mm
- Mounting: Screw mounting
- Applicable power: 11KW 22KW



Scan the QR code to view the operation video

Operation Description

◆Remote control learning and code clearing

Learning method: (Interlocking) After power on, press and hold the "learning" key until the learning lamp lights up, let go, press the remote control "on" key, the learning lamp goes out, learning is successful.

(Self-locking) After the power is turned on, press and hold the "learning" key until the learning lamp lights up, let go, press the remote control "off" key, the learning lamp goes out, the learning is successful.

(pointing) After the power is turned on, press and hold the "learning" key until the learning lamp lights up, let go, and then press the remote control "on" key and "off" key at the same time, the learning lamp goes out, learning is successful.Then press the remote control "on" key and "off" key at the same time, the learning light will go out, then the learning is successful.

Clear code method: Turn on the power, long press the learning key, the learning light is on, continue to press the key until the learning light is off, clear code successfully.

Remote switches are factory paired in interlock mode, no need to match again

◆Timing set up

Press the "Set" key briefly, the first digit of the display will flash, then press the "Start" key to increase the value, the maximum number is 9;
Press the Set key again briefly, the second digit of the display flashes, then press the Start key to increase the value, the maximum number is 9;
Press the Set key briefly again, the third digit of the display flashes, and then press the Start key again to increase the value up to 9;
Finally, press the "Set" key briefly to exit the setting state and save the data.

After power on, the power light will be on, press the setting button to switch the second, minute and hour versions in sequence, one at a time. Default seconds version
--1 is the second version, --2 is the minute version, --3 is the hour version.

Phase protection

Phase-loss protection can be independently selected to open or close (the default is to close the phase-loss protection).
If used to control 380V equipment, this function can be activated on demand.

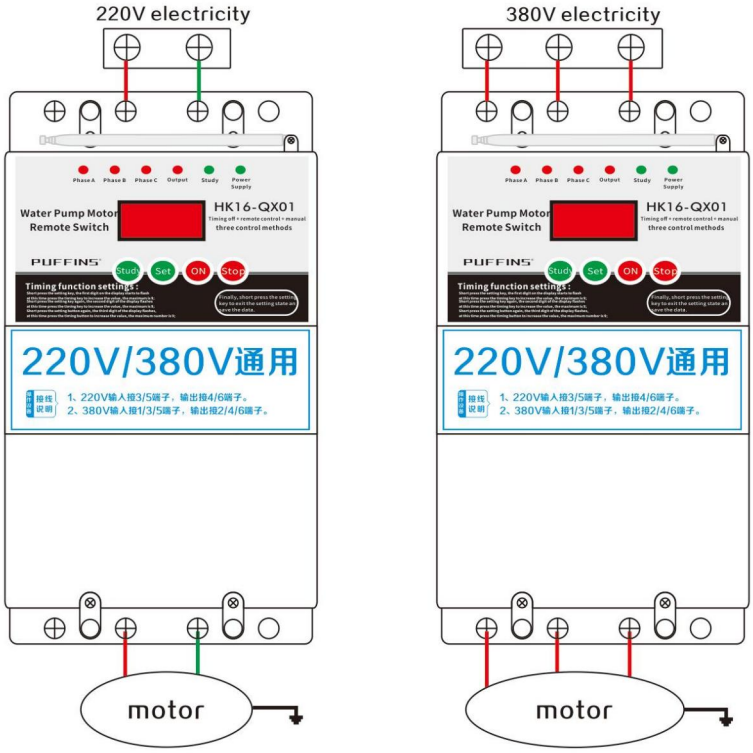
◆ Enables phase loss protection: Within 3 seconds of energising, press the stop button and press until the ABC light goes out and the phase failure is switched on.

◆ Disables phase loss protection: Within 3 seconds of power on, press the stop button, press until ABC keeps flashing and phase loss is turned off.

服务热线：15537119097（同微信）
公司地址：中国郑州高新区电子电器产业园嘉图2期5栋403号

Phase failure protection pump motor remote control switch

Product Connection



This controller is 220V380V universal equipment, connecting 220V power supply can control 220V equipment.
It can control 380V equipment by connecting to 380V power supply.

Note: A circuit breaker must be added to the front of this controller to disconnect the main power supply when not in use to prevent accidents!
If an accident occurs as a result, the company is not responsible!!!!

Matters Needing Attention

- Do not use this timer switch on equipment (e.g., medical equipment, large equipment, etc.) where an accident involving human life or a trial may occur due to an error in the timer switch. Do not use this timer switch.
- For equipment (such as large heaters or cold rooms) where major property damage has occurred due to timer switch errors, be sure to use this timer switch with sufficient margins for characteristics and performance values, and take safety precautions such as double circuitry. When using this timer switch, make sure that the values of characteristics and performance have sufficient margins, and take safety measures such as double circuits.
- Do not repair, disassemble, or modify the product by yourself. Be sure to entrust repairs, inspections, etc. to your dealer or the unit in charge of the work.
- This switch works in an environment free of moisture, corrosion and high metal content gases. Keep away from high voltage lines large transformers and other places that interfere with remote control signals.
- Do not touch the terminal section when the power is turned on.
- Do not expose this switch to oil or water.

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