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V02

T10 AUX CONTACT FUNCTION DOCUMENT

File version information

File version	Date	Content	Author
First edition	2019/09/07	T10 Aux contact function description	Stephen
Second edition	2020/07/17	Silk Screen image modification	Xiaohu

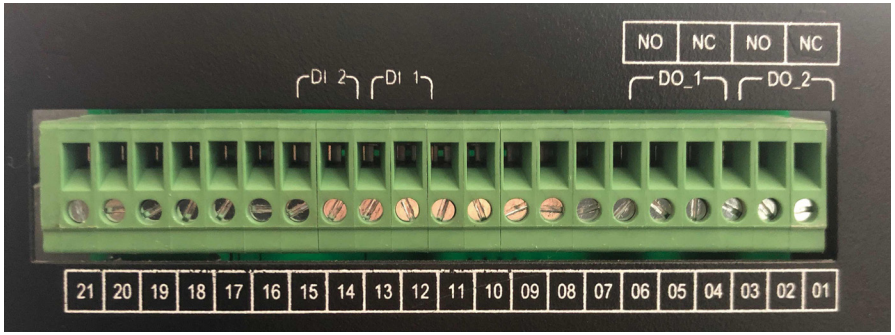
CONTENTS

01 FUNCTION OVERVIEW

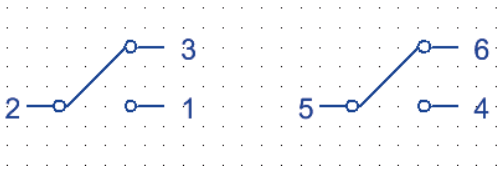
Kontakty AUX jsou pasivní spínač se dvěma stavovými, sepnutými a rozepnutými. Mezi kontakty není polarita. Tato funkce je určena k ovládání sepnutí nebo rozepnutí kontaktů mezi nastavenými podmínkami k dosažení účinku zapnutí nebo vypnutí zátěže.

02 WIRING INSTRUCTIONS

2.1 Physical map



2.2 Schéma



2.3 Wiring instructions

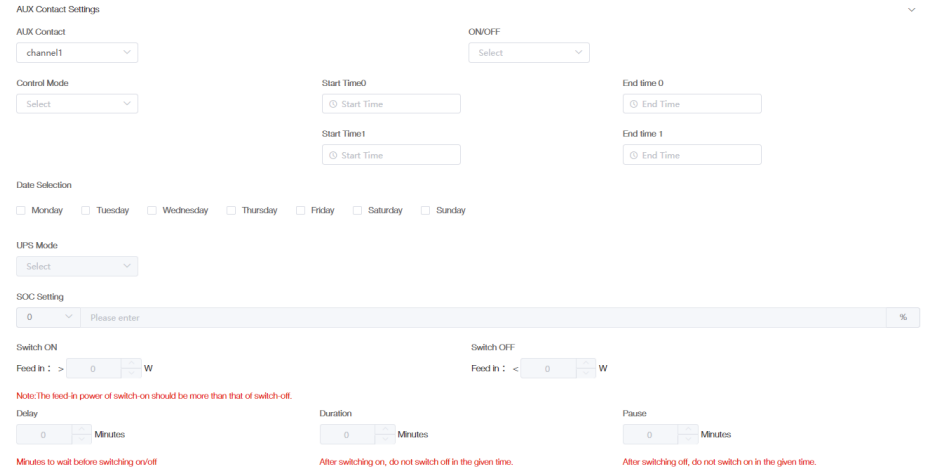
There are two Aux contact controls, 1, 2, and 3 are one route, and 4, 5, and 6 are the other route. Among them, "2, 3" and "5, 6" are nomally closed points and “1, 2" and "4, 5" are normally open points. That is to say, the function of this is to control the normally closed point to open/close (normally open point to close/open) under the set conditions, so that the residential appliance can be turned on/off under specified conditions.（Cannot support power generation equipment.）

⚠ Note:

The “NO” and “NC” marked on the top of the Aux contact originally means normally open and normally closed, but the current version of the high voltage box is REVERSED here.

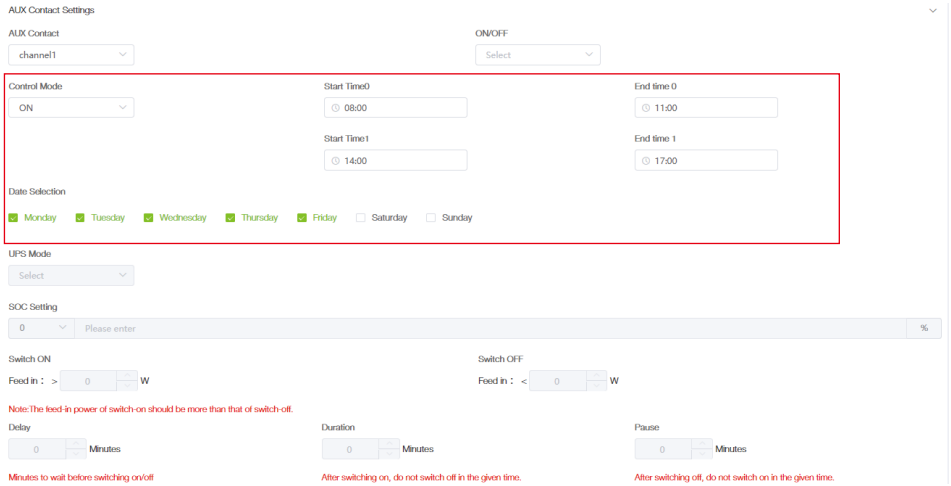
03 SERVER CONFIGURATION

The following figure shows the Aux contact configuration interface on the server, two-route control and three modes. Among them, the On mode and the Off mode control the Aux contact to open and close according to the time period, and the Auto mode is to open and close the Aux contact according to the power of the feed network and the delay. Channel1 corresponds to "4 5 6" and Channel2 corresponds to " 1 2 3".



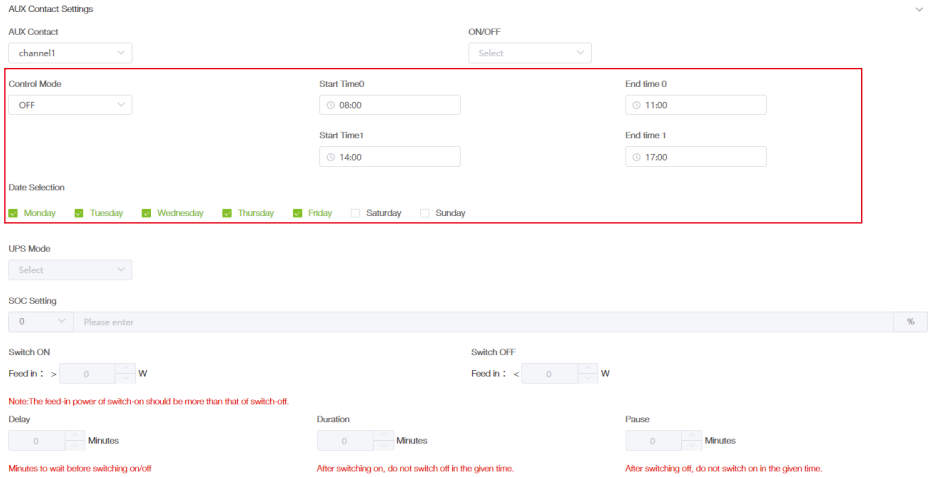
3.1 On mode

In On mode, you can set the hour period and the day of the week. When enabled in Channel1, “45” will be turned on during the time period, and will be disconnected out of the time period. When enabled in Channel2, “12” will be enabled in the time period. "It will be switched on and will be disconnected out of the time period.



3.2 Off mode

In Off mode, you can set the hour and day of the week. When enabled in Channel1, “45” will be disconnected during the time period and will be turned on out of the time period. When enabled in Channel2, “12” will be enabled in the time period. "It will be disconnected and will be connected out of the time period.



3.3 Auto mode

In Auto mode, the position of the Aux contact of the load is different according to the setting of SOC mode.

When the SOC is set to "at least" mode, the Aux contact of the load needs to be connected to the normally open point. At this time, when the battery SOC satisfies the actual setting condition, (regardless of the set delay), when the feed network power is greater than the set "Switch on" power, the normally open point is closed (load open), when the feed network power is less than the set "Switch off" power or when the power is being bought, the normally open point is disconnected (load off). When the power of the feed network is between the two, no operation is performed.

When the SOC is set to "at most" mode, the Aux contact of the load needs to be connected to the normally closed point. At this time, when the battery SOC satisfies the actual setting condition, (regardless of the set delay), when the feed network power is greater than the set "Switch on" power, the normally closed point is closed (load on), when the feed network power is less than the set "Switch off" power or when the power is being bought, the normally closed point is disconnected (load off). When the power of the feed network is between the two, no operation is performed.

There are also three delay time settings. The “Delay time” refers to the opening/closing action after the set Delay time period. The “Duration time” refers to the prohibition of the disconnection action within the set Duration time period after the Aux contact is closed. The “Pause time” refers to the prohibition of the closing action within the set Pause time period after the Aux contact is disconnected.

Note:

When the feed network power is 0 to 100W, no judgment is made and no operation is performed. In addition, the "Switch on" power must be greater than the "Switch off" power.