

XHST-20 可编程时间控制器说明书

一路输入八路输出（时钟功能）

一、 The description of the function

The every time point can be set separately in 24-hour system or week system and the output points are optional in every time period (stepping time period allowance ≤ 60). With the communication function, the parameter of the time point and working time can be set easily by user.

The XHST-20 controller is designed for streetlight (multichannel control, open and close in different duration of time) ; neon lamp (control the light in different time); fountain (set separately the duration of time ,the output point and the time point) etc.

二、 Structure and Specifications

1. Operation panel



a、 4-digital display left and 4-digital display right show the date ,function code and stepping output.

b、 Y0—Y7 indicator light: : Output indication

c、 PRG : Select set modes

press and hold PRG for 3 seconds : step through or exit program mode。

d、 Press \wedge / \vee to set the function code or digital code

press and hold \wedge / \vee to continuously increase or decrease the number

e、 SHIFT: SET/《

press and hold the button for 1.5 seconds : Confirm the date or exit the date

settings mode

press it : move adjustment to next digit in set and program mode

f. 时间 切换 : the setting mode(hour, minute and second) can be switched to the mode (year, month and day)

时间 设定 set time (year,month,day,minute,second).Press the button for 3s to enter the date setting mode and time setting mode, and press \wedge 、 \vee to set the date or time.After pressing SET for 1.5s,press the 时间设定 for 3s to exit the set mode.

2. Terminal function

a. COM : input circuit common

b. X0……X7, switch input points

COM、X0 must connect the starting signal of normally close or shorting, so that the controller can work.

c. COMO:output circuit common

d. Y0……Y7 :switch output point (relay output /2A)

e. L、N : supply power AC220V, 50Hz

3. The Description of Function Setting and Display

a. The display shows the time on the normal working status.

b. Press PRG and hold for 3 seconds to enter into the program mode. The left-display will show the function code ('P000', 'P00H', 'Pood', 'Poot'), and the right-display will show the the corresponding values .

c. When the left-display shows the function code (P00H, Pood...), press \wedge 、 \vee to select the stepping time period and stepping output section (stepping time periods allowance ≤ 60 , stepping output sections allowance ≤ 60)

d. Press SET for 1.5s to enter the the mode of value setting. press \wedge 、 \vee to increase or decrease the parameter of the stepping time and stepping output. After setting, press SET for 1.5s to save the parameter and press PRG to exit the program mode.

4. Description of Panel Setting

Function	Display	Remark
24-hour system (set the hour and minute)	PXXH/000	XX=stepping output (range 00-59) 0000 : “00” = hour “00”=minute
	PXXd/0000 (0000-00FF refer to the table ‘The Table of The Output ’) PXXH/3000 End the program	XX=stepping output (range 00-59) 0000= output point 3000= stop
	Example : step1:P00H/0830 P00d/0001 step2:P01H/0930 P01d/0000 Step3:P02H/1230 P02d/0011	1.the first (YO) circuit is open at 8:30 2.the circuit (YO) is closed at 9:30 3.the first (YO) and fifth (Y4) circuits are both open at 12:30
Week system (set the hour ,minute and second)	PXXH/0000	XX=stepping output (range 00-59) 0000 : “00” = hour “00”=minute
	PXXt/0000	XX=stepping output (range 00-59) 0000 : “00” = week “00”=second Example a; “1700” or “0000” = from Mon. to Sun. “2500” =from Tues. to Fri. “1100” = only set Mon. “2530”=from Tues. to Fri. “30”=30s
	PXXd/0000 (0000-00FF refer to the table ‘The Table of The Output ’)	XX=stepping output (range 00-59) 0000= output point <u>F</u> YO, Y1, Y2, Y3 <u>F</u> Y4, Y5, Y6, Y7
	例 step1:P00H/0830 P00t/0030 P00d/0001 step2:P01H/0930 P01t/0050 P01d/0000 Step3:P02H/1230 P02t/0030 P02d/0010	From Mon. To Sun., 1.the first circuit(YO) is open at eight thirty and thirty seconds, 2.the circuit (YO)is closed at nine thirty and thirty seconds, 3.the fifth circuit(Y4) is open at twelve thirty and thirty seconds

5. The Table of The Output

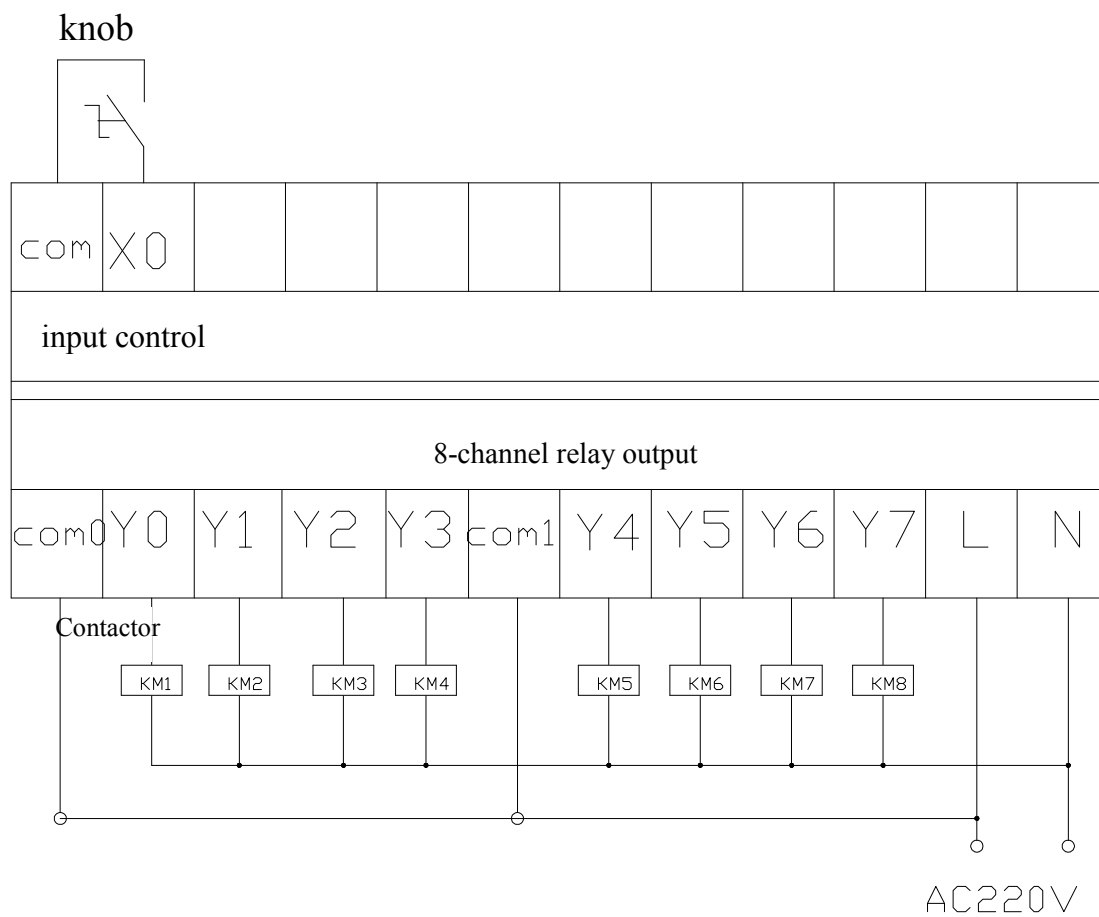
○--no-output

●--output

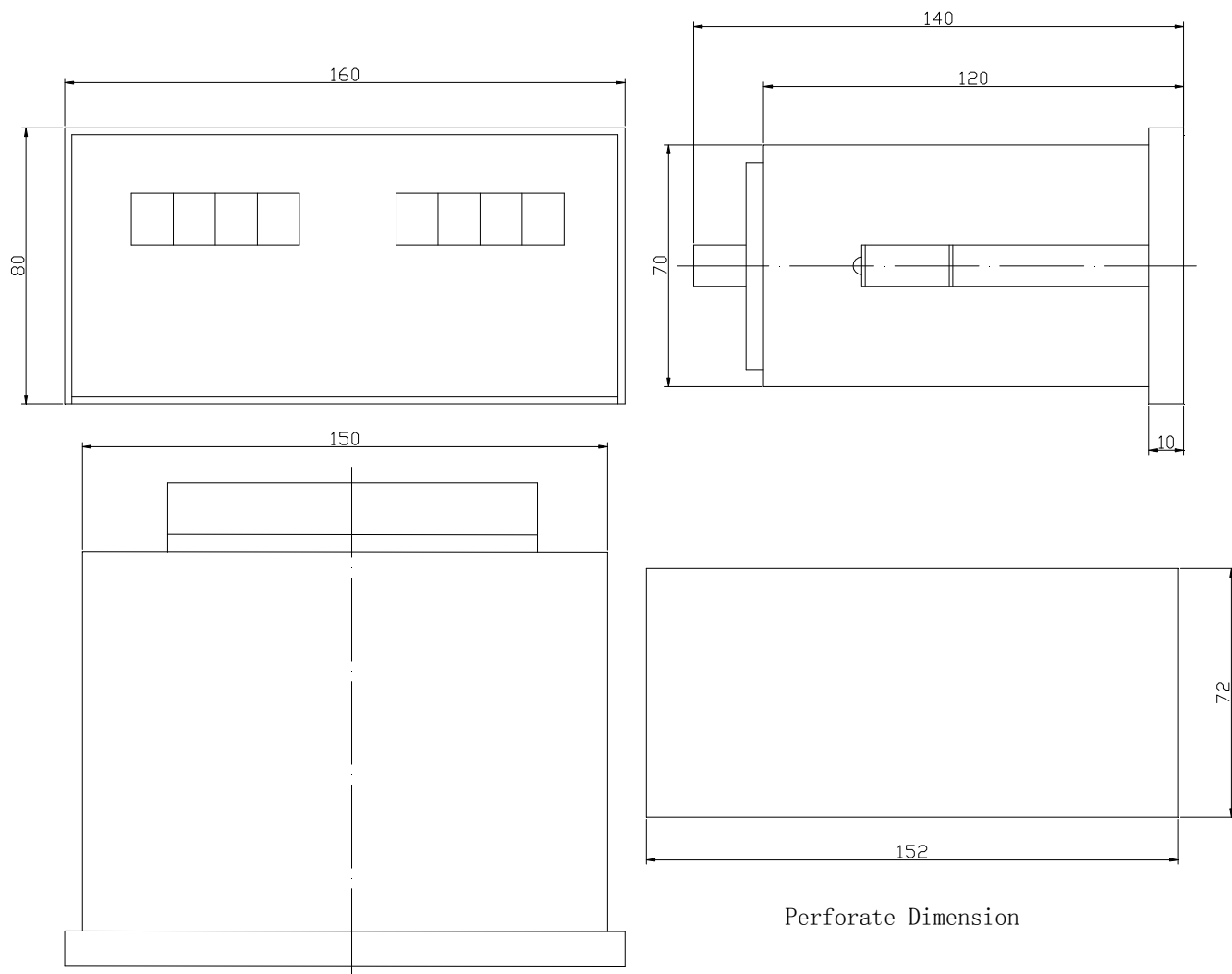
	Y 0	Y 1	Y 2	Y 3
XXX0	○	○	○	○
XXX1	●	○	○	○
XXX2	○	●	○	○
XXX3	●	●	○	○
XXX4	○	○	●	○
XXX5	●	○	●	○
XXX6	○	●	●	○
XXX7	●	●	●	○
XXX8	○	○	○	●
XXX9	●	○	○	●
XXXA	○	●	○	●
XXXB	●	●	○	●
XXXC	○	○	●	●
XXXD	●	○	●	●
XXXE	○	●	●	●
XXXF	●	●	●	●

	Y4	Y5	Y6	Y7
XX0X	○	○	○	○
XX1X	●	○	○	○
XX2X	○	●	○	○
XX3X	●	●	○	○
XX4X	○	○	●	○
XX5X	●	○	●	○
XX6X	○	●	●	○
XX7X	●	●	●	○
XX8X	○	○	○	●
XX9X	●	○	○	●
XXAX	○	●	○	●
XXBX	●	●	○	●
XXCX	○	○	●	●
XXDX	●	○	●	●
XXEX	○	●	●	●
XXFX	●	●	●	●

6. Terminal Diagram



7. The Dimensions and Perforate Dimension



TEL: 0519-86968907-801