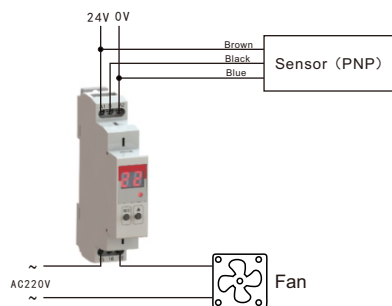


Examples

NOTE: the use case is for reference only to understand the working principle of the relay. The actual application should be wired according to the actual needs.

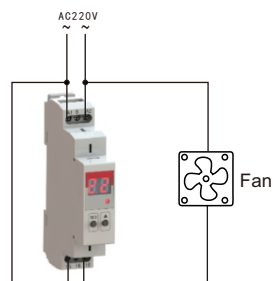
CASE 1:

The working mode is set to 07 and accessed through the sensor (PNP). When the sensor senses the signal, the relay acts (15-18 is closed) and the ventilation fan works. When the sensor loses the signal, the relay disconnects after a delay t (15-18 is disconnected) and the ventilation fan stops working.



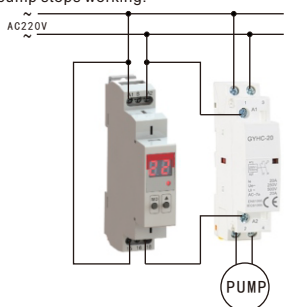
CASE 2:

The working mode is set to 03, the ventilation fan is turned on for 10 hours and turned off for 1 hour, and the ventilation fan is cycled on and off.



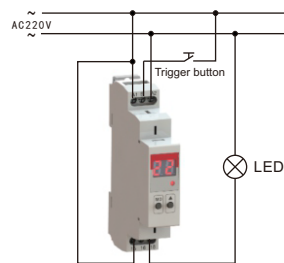
CASE 3:

When the working mode is set to 02, the time relay is powered on (15-18 is closed), the contactor is closed, the water pump starts to work, the delay t reaches, the relay is disconnected (15-18 is disconnected), the contactor is disconnected, and the water pump stops working.

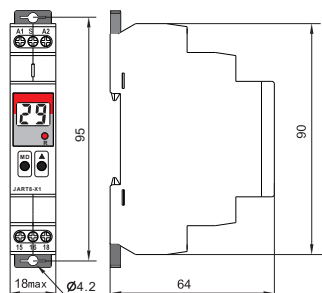


CASE 4:

The working mode is set to 08, press the trigger button, the time relay acts (15-18 is closed), turn on the LED, delays t, the relay is disconnected (15-18 is disconnected), and the LED is closed.



Dimensions(mm)



Disposal of Electrical Waste
All electrical waste should be disposed of in compliance with current WEEE regulations.



Caution
The products must be installed by qualified electricians. All and any electrical connections of the product shall comply with the appropriate safety standards.

Digital display time relay Instruction Manual



SAURÍ

General

Applications

-Multifunctional time relay can be used for industrial equipment, lighting control, heating element control, motor, fan control.
-With 20 delay modes, the delay range covers 0.1 seconds to 99 days.

Function Features

-20 delay modes:
-5 delay modes controlled by power supply
-13 delay modes controlled by signal
-ON, OFF mode
-Ultra wide delay range, 0.1 seconds - 99 days can be set.
-Relay status is indicated by LED.
- 1-MODULE, DIN rail mounting.

Model and connotation

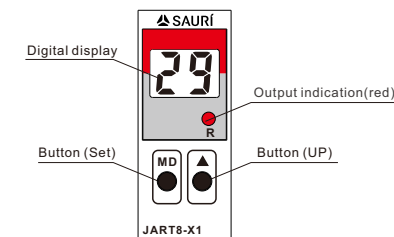
JART8 - X □/□
 □: Rated control supply voltage
 A230:AC230V;
 W240:AC/DC12V-240V;
 □: Number of contacts
 1:1xSPDT;
 2:2xSPDT;
 Digital Setting Time Relay
 JART8 Series



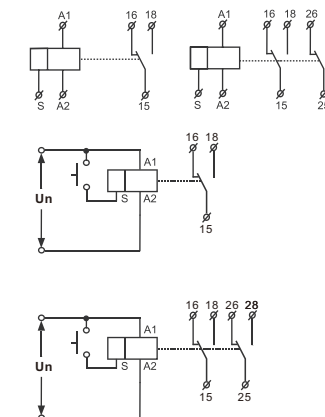
Technical parameters

	JART8-X1	JART8-X2
Function	20 functions	
Supply terminals	A1-A2	
Voltage range	AC/DC 12-240V(50-60Hz)	
Burden	AC 0.09-3VA/DC 0.05-1.7W	
Voltage range	AC 230V(50-60Hz)	
Power input	AC max.6VA/1.3W	AC max.6VA/1.9W
Supply voltage tolerance	-15%;+10%	
Time ranges	0.1s-99day,ON,OFF	
Time setting	Key setting	
Time deviation	≤1%	
Repeat accuracy	0.2%-set value stability	
Temperature coefficient	0.05%/°C, at=20°C(0.05%/°F, at=68°F)	
Output	1xSPDT	2xSPDT
Current rating	1x16A(AC1)	2x16A(AC1)
Switching voltage	250VAC/24VDC	
Min. breaking capacity DC	500mW	
Output indication	red LED	
Mechanical life	1x10 ⁷	
Electrical life(AC1)	1x10 ⁵	
Reset time	max.200ms	
Operating temperature	-20°C to +55°C (-4°F to 131°F)	
Storage temperature	-35°C to +75°C (-22°F to 158°F)	
Mounting/DIN rail	Din rail EN/IEC 60715	
Protection degree	IP40 for front panel/IP20 terminals	
Operating position	any	
Overvoltage category	III.	
Pollution degree	2	
Max. cable size (mm ²)	solid wire max. 1x2.5or 2x1.5/with sleeve max. 1x2.5(AWG 12)	
Dimensions	90x18x64mm	
Weight	1xSPDT:W240-62g,A230-60g	2xSPDT:W240-82g,A230-81g
Standards	EN 61812-1, IEC60947-5-1	

Panel Diagram

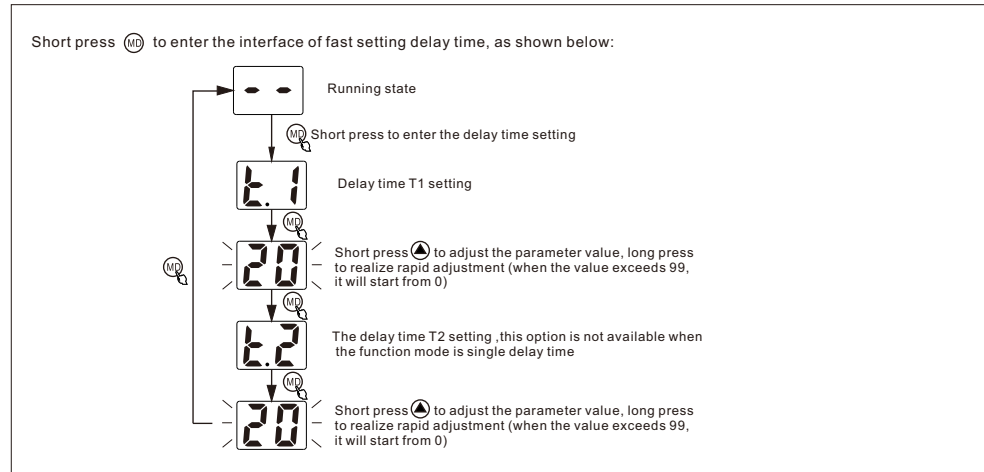


Wiring diagram

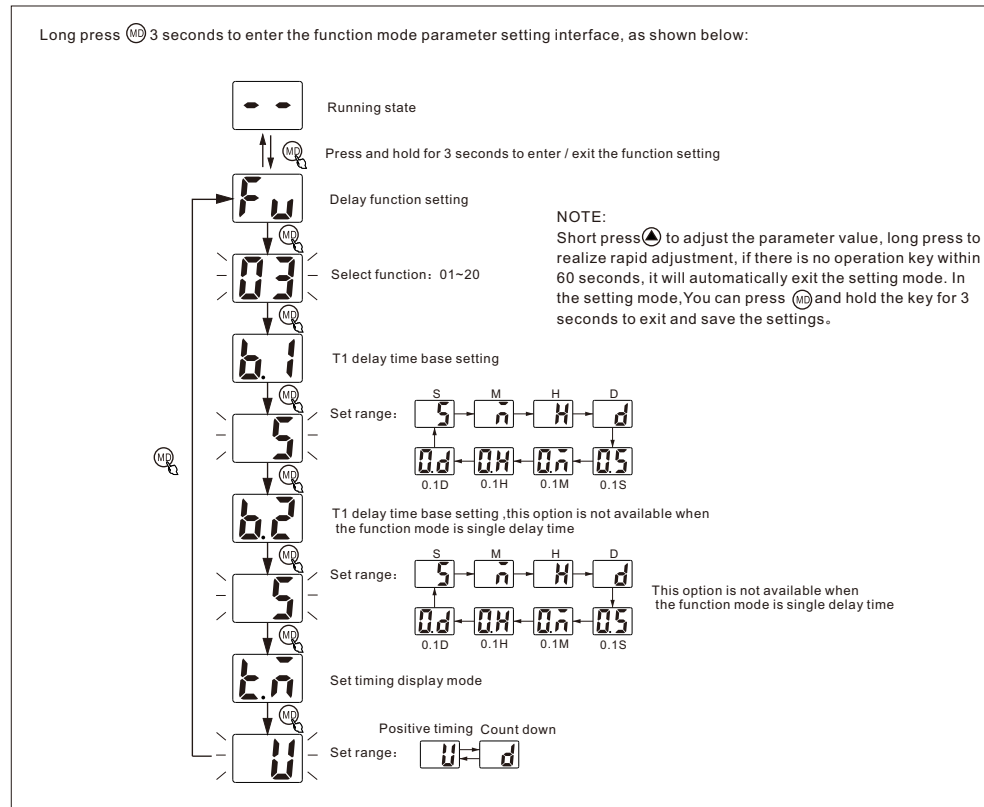


Adjustment of the product

Fast adjustment of delay time



Delay function setting



Function

