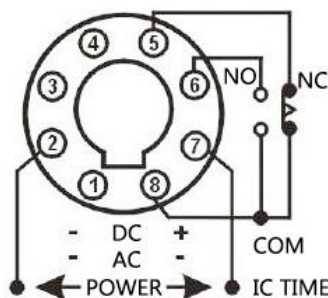




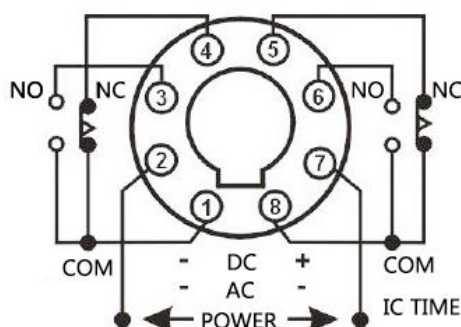
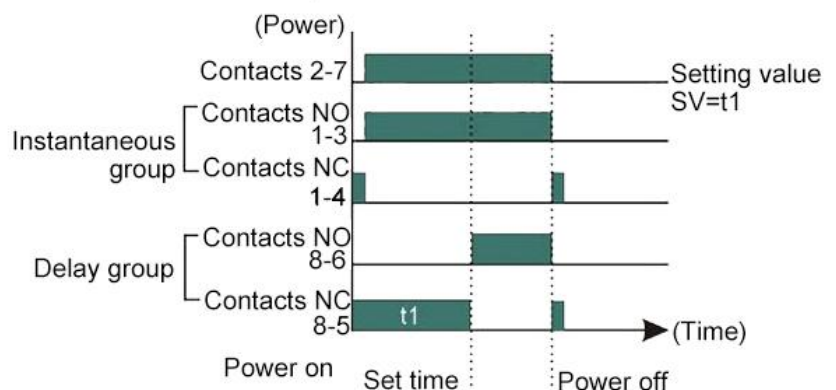
Features

- Extend the control. When the control signal of multi-contact relay reaches a certain value, the multi-circuit circuit can be switched, broken and connected at the same time according to different forms of contact group.
- Integrated signal. When multiple control signals are input into multi-winding relay in prescribed form, the predetermined control effect can be achieved through comparison and synthesis.
- Automatic, remote control, monitoring. The relay on the automatic device, together with other electrical appliances, can form a program control line, so as to realize automatic operation.

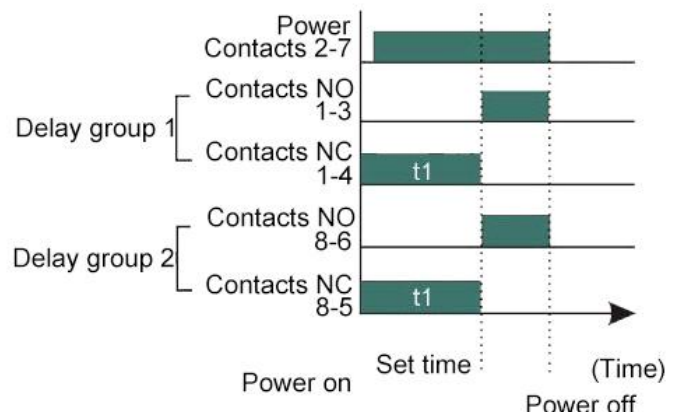
Connection & Output Operation Mode



One group suspension delay output



Two groups sync delay output



Specification

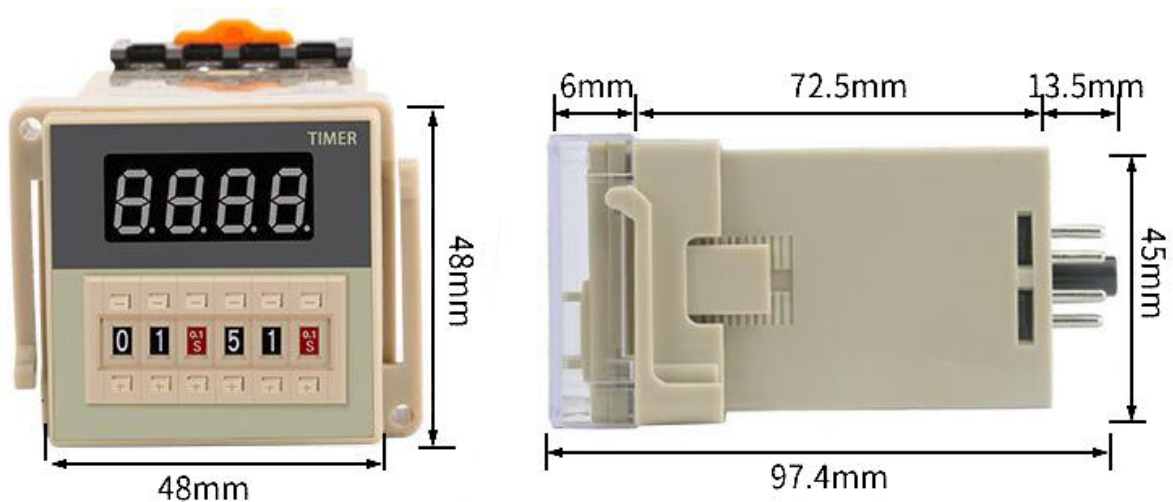
Model	ATO-TIMER-A
Mode of Operation	on delay timer
Supply Voltage	220V AC, 12V DC, 24V DC
Output Mode	mode 2: one group instantaneous and one group delay output mode 3: one group suspension delay output mode 4: two groups sync delay output
Timing Range	6s, 12s, 30min, 60min, 6h, 12h, 30h
Setting Method	knob with pointer
Contact Capacity	3A, 250V AC
Power Consumption	≤ 2W
Mounting Type	panel mount
Dimensions	58*88*68 mm, 40*50*58 mm, 48*48*73 mm
Accessory	8-pin mounting socket
Operating Temperature	-10 °C ~ +50 °C
Weight	500g
Certification	CE, CCC, TUV, UL



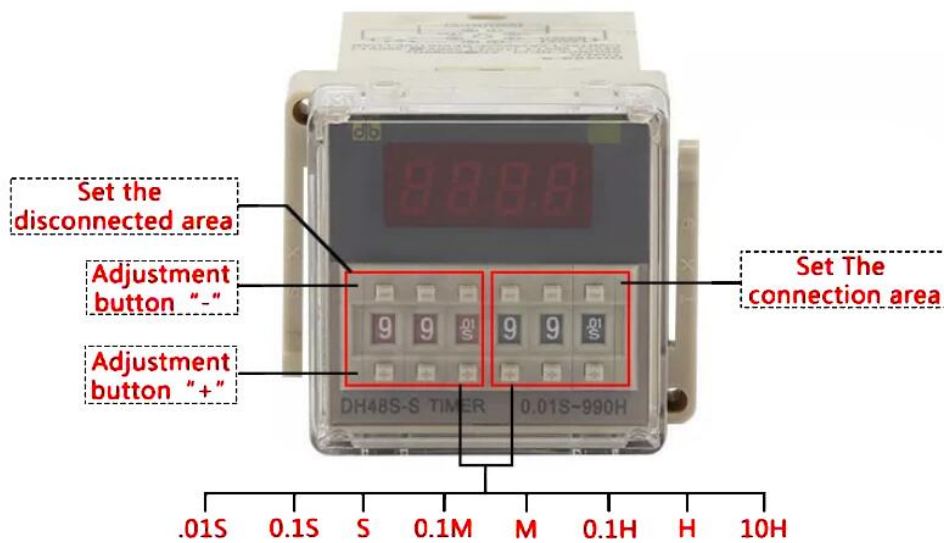
Features

- Flexible button. Flexible button for easy operation. Quick adjustment, 8 adjustable time limit.
- Parameter, wiring diagram. Wiring diagrams and specifications are printed on the side of the digital timer relay. Easy to install and not easy to make mistakes.
- High capacity pin. The contacts are tightly connected to the base. Copper galvanized stitch, conductive superior performance.
- Low heat, good sealing. ATO digital timer relays adopt environmentally friendly materials with high quality internal parts, good water resistance and dustproof.

Dimension



Detail



Adjustable time range 0.01S~990H , Meet most of the time control

Specification

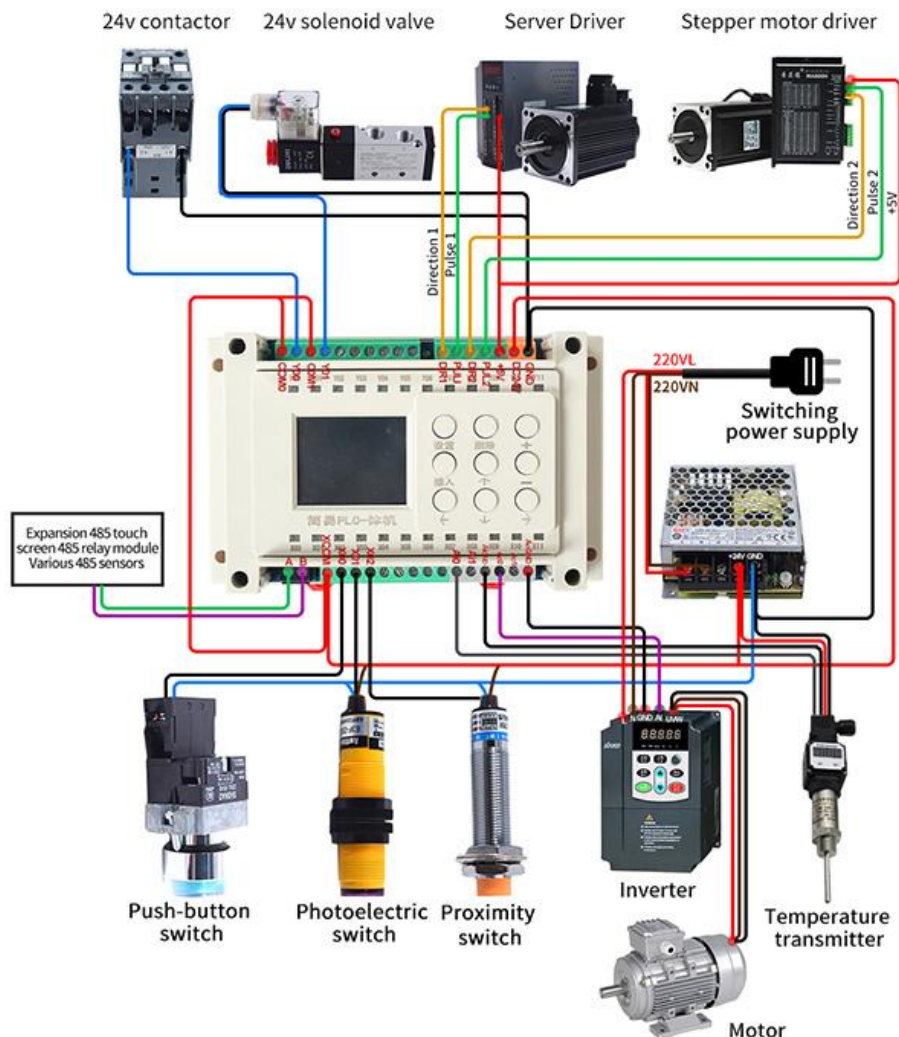
Model		ATO-DH48S-S
Dimension		48mm (H) × 48mm (W) × 81.6mm (D)
Mounting & Socket	Surface (-n)	PF083A, PS-08, P2CF-08
	Flush (-y)	US-08, P3G-08
Full Timing Range		0.01S~990H
Rated Voltage		DC: 12V,24V, 50/60Hz AC: 12V, 24V, 110V, 220V, 240V, 380V, 50/60Hz
Display		LED
Life	Mechanical	5×10 ⁶ times
	Electrical	10 ⁵ times
Accuracy	Repeat Error	±0.5% max
	Setting Error	±0.5% max
	Voltage Error	±0.5% max
	Temp Error	±0.5% max
Reset Time		0.1 sec max
Consumed Power		2VA
Ambient Temperature		-10°C~ +55°C
Ambient Humidity		48~85%RH
Weight		160g
Certification		CE, CCC, TUV, UL



Functions

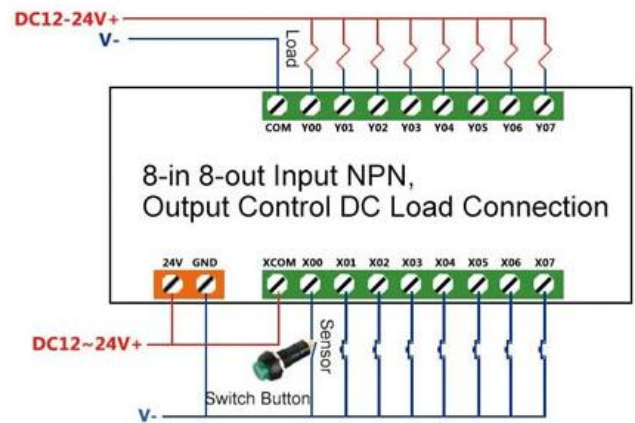
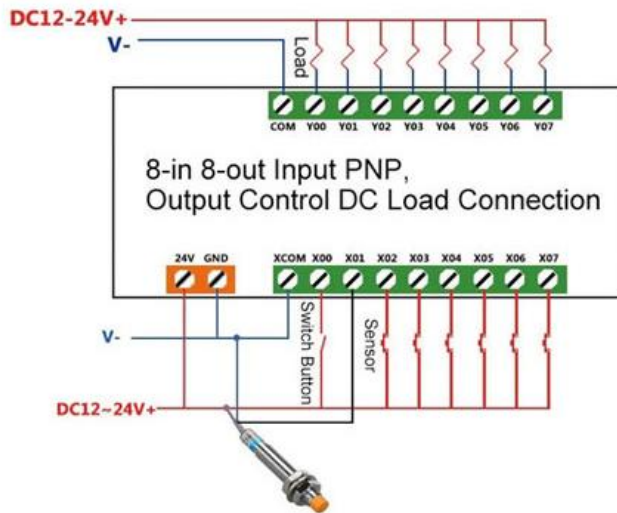
- Independent control - It can replace 8, 12, 16 single-channel timer relays and each is controlled independently. The time accuracy is 0.1 second.
- Linkage control - The programmable timer relay can be used in any combination of multi-channels without synchronization error caused by multiple single-channel timer relays.
- Simple PLC - The controller supports simple logic operations, allowing 8 switch input function to be customized, and conditional timing function.
- Offline management - No need to connect the computer and mobile phone, the simple PLC can edit and set directly on the control panel with high-definition LCD display.

Input & Output Spec

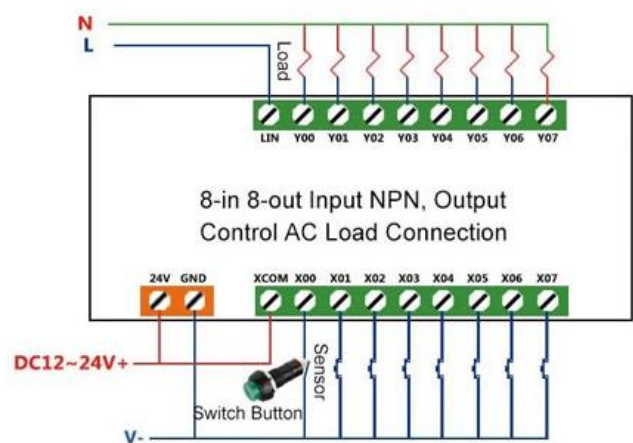
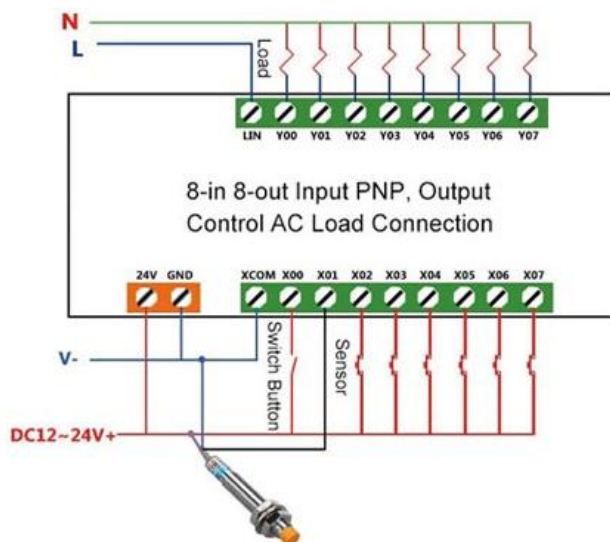


Wiring Diagram

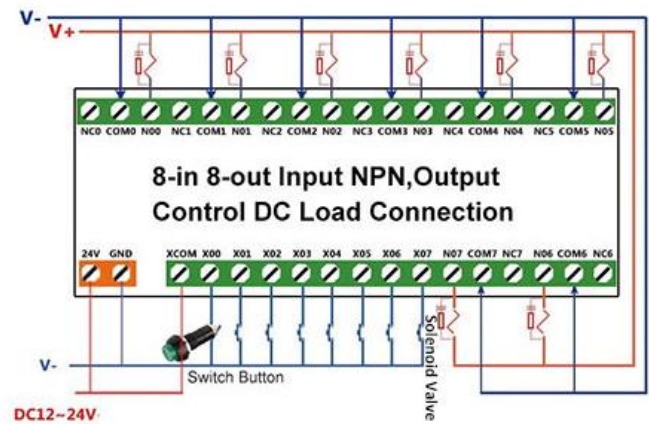
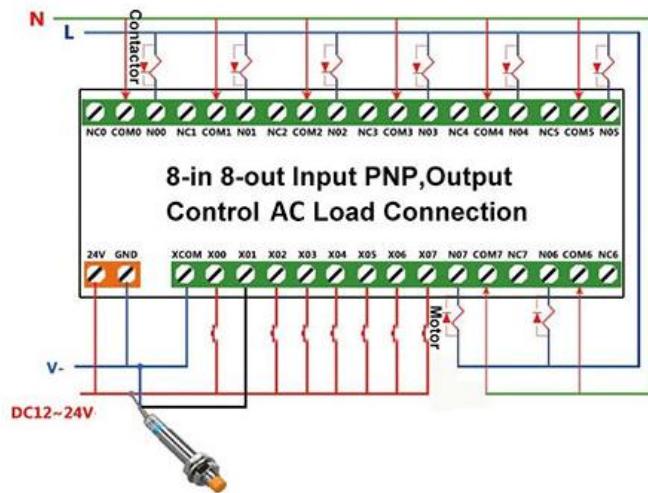
Transistor DC Output



Transistor AC Output



Relay Output



Specification

Model	ATO-TIMER-PLC
Number of Inputs	8, 12, 16
Number of Outputs	8, 12, 16
Output Form (Optional)	Transistor DC output: 3A 10V DC ~ 30V DC Transistor AC output: 3A 12V AC ~ 250V AC Relay output: 5A 277VAC/ 30VDC
Input Form	Compatible PNP/NPN
Mechanical Life	3 million times
Operating Voltage *	12V DC or 24V DC
Operating Current	<200mA
Rated Power	5W
Integer Error	≤1%
Repeatability Error	≤1%
Installation	DIN-rail mounting
Certification	RoHS, FCC, CE, CCC, TUV, UL
Dimension	145*90*40mm
Weight	0.38kg