

Time Relay Module

The time relay module is an electronic module with integrated time control function, which is used to realize various time delay and timing control applications. It provides precise timing function through internal circuit or micro controller, and can automatically control the switch state of the circuit according to the set time parameters. The time relay module usually has a variety of timing modes, such as delayed start, delayed stop, periodic switch, etc., which can flexibly adapt to different control needs.

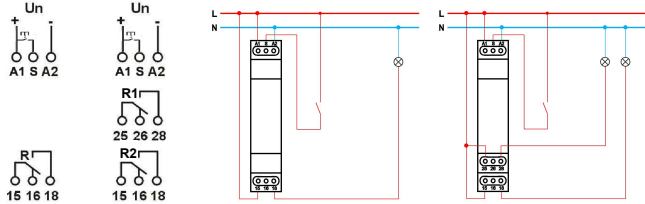
Application: Controls the switching time of equipment in industrial automation systems, manages the switching on and off of lights in lighting systems, etc. The user can set the desired time delay or period by adjusting the knobs and buttons on the module or through the programming interface.

MODEL & EXPLANATION

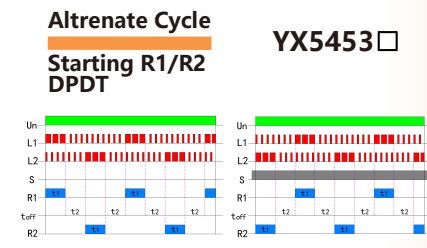
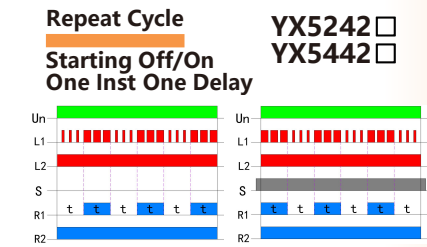
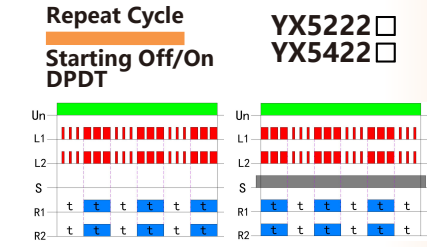
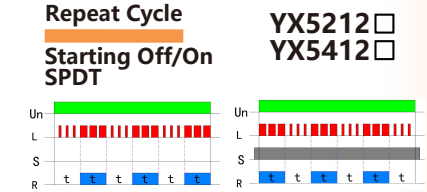
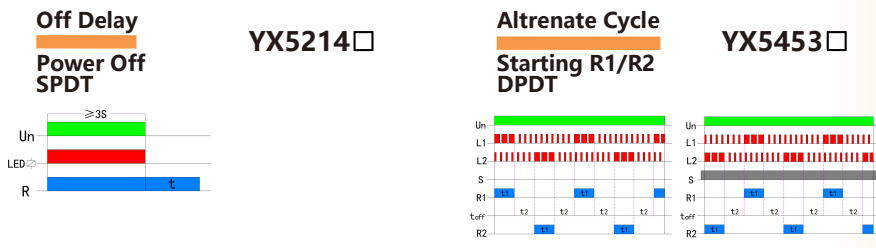
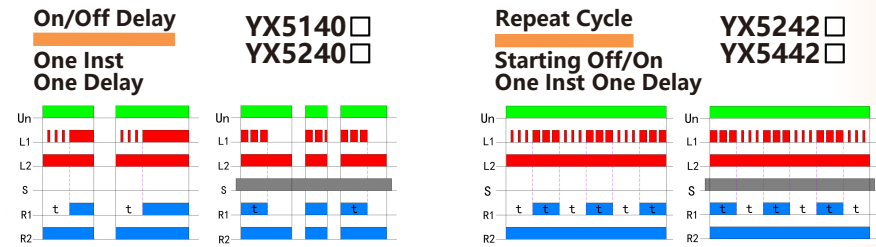
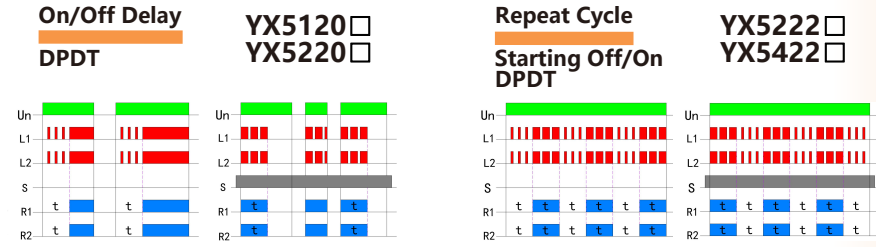
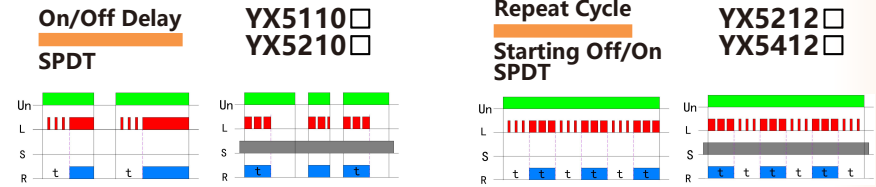
① Power Indicator
② Work Indicator 1
③ Work Indicator 2
④ Time Ranges Selection
⑤ Time Adjustment 1
⑥ Time Ranges Selection 2
⑦ Time Adjustment 2

DIMENSIONS: in (mm)

WIRING DIAGRAMS



TYPE	YX5 Time Relay Module	Tolerance (mechanical setting)	10%	Mechanical life	1×10 ⁷
Working voltage	12VDC 24VDC 110VAC 220VAC 24-240VAC/DC 12-240VAC/DC	Repeatability (constant voltage and temperature)	2%	Electrical life	1×10 ⁵
Output	SPDT/DPDT 10A or 16A	Terminal wire capacity	14AWG (2.1mm ²)	Dielectric strength	Between housing and contacts: 2500VAC Between open contacts: 1000VAC
Time Ranges	YX51*: 1S 3S 6S 10S 30S 60S 3M 6M 10M 30M 60M YX5214: 1S to 10M Other: 0.1S to 10 Days (or 100H)	Ambient air temperature Around the device	Operation: -20 to +55°C Storage: -30 to +70°C	Degree of protection	IP20
Note	□*: Working voltage 220: 220VAC D24: 24VDC A24: 24VAC H00: 12-240VAC/DC H33: 24-240VAC/DC More...				



Caution:
Installation must be carried out in accordance with current norms. Installation, connection, dismantling and servicing should be carried out by a qualified electrician who understands the contents of this manual and the function of each appliance. Before installation, make sure that the main switch is in the 'OFF' position and that the appliance should not be energized, a qualified installation must ensure that the appliance is installed in a temperature-controlled environment, ensuring that the specified maximum operating temperature is not exceeded, and that a 2 mm tip screwdriver is used for the installation.

If you experience problems, do not immediately return the unit to the store. Email the Helpline: Sue@yaoxuele.com Qualified Customer Support Coordinators will be to assist in resolving your query.



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