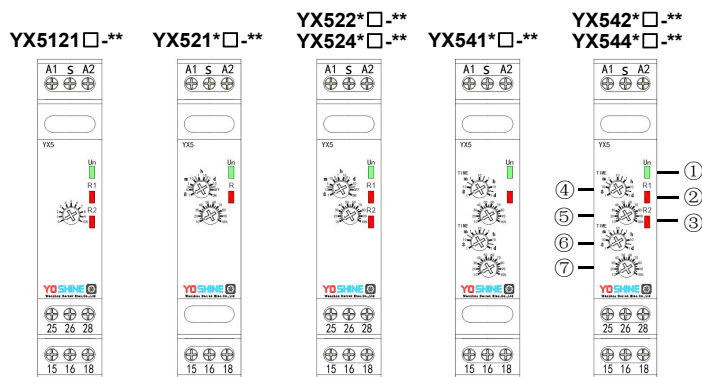


Trigger Time Relay

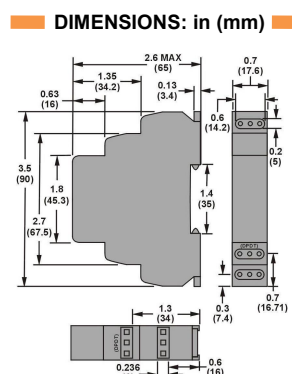
YX5 Series Trigger Time Relay is an electrical device specially designed to realise timing control function after receiving a trigger signal. It combines the features of relay and timer to start the internal timer by receiving external trigger signals (e.g. button press, sensor detects movement, etc.), and to control the start or stop of equipment by switching the switching state of the output, or triggering other control operations under specific time conditions.

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.

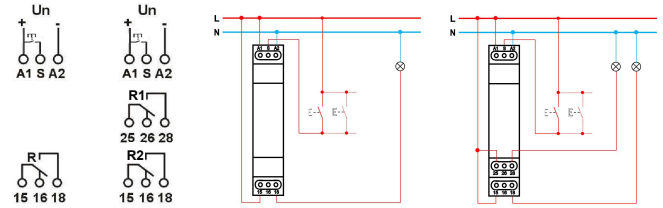
MODEL & EXPLANATION



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

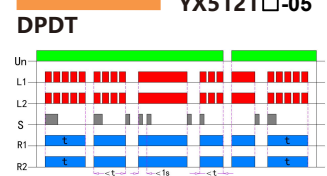


WIRING DIAGRAMS

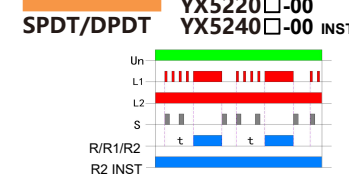


TYPE	YX5 Trigger Time Relay	Tolerance (mechanical setting)	10%	Mechanical life	1×10 ⁷
Working voltage	12VDC 24VDC 110VAC 220VAC 24-240VAC/DC 12-240VAC/DC	Repeatability (constant voltage and temperature)	2%	Electrical life	1×10 ⁵
Output	SPDT/DPDT 10A or 16A	Terminal wire capacity	14AWG (2.1mm ²)	Dielectric strength	Between housing and contacts: 2500VAC Between open contacts: 1000VAC
Time Ranges	YX5121: 12M 60M 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...				

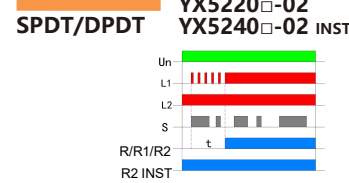
Off Delay YX5121□-05



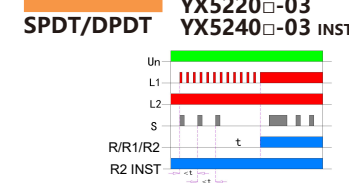
On Delay YX5210□-00



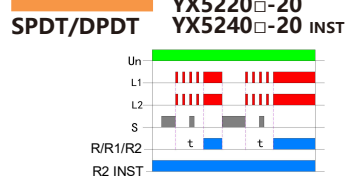
On Delay YX5210□-02



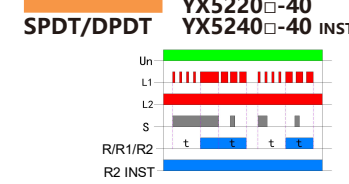
On Delay YX5210□-03



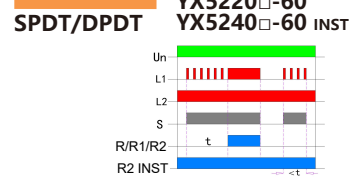
On Delay YX5210□-20



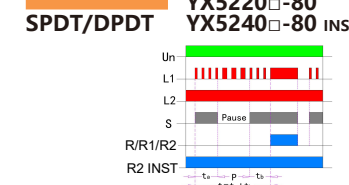
On Delay YX5210□-40



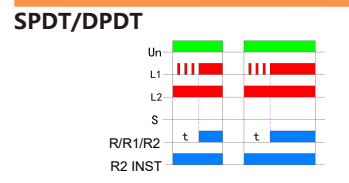
On Delay YX5210□-60



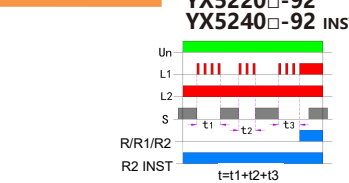
On Delay YX5210□-80



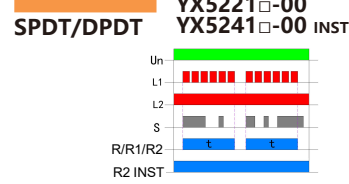
On Delay & On Delay With Paused



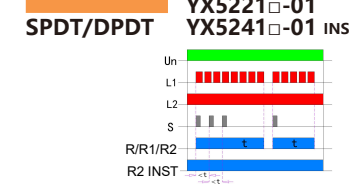
YX5210□-92



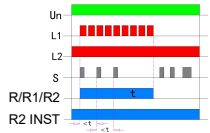
Off Delay YX5211□-00



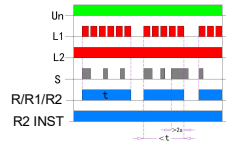
Off Delay YX5211□-01



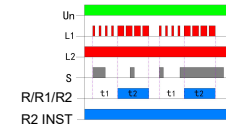
Off Delay YX5211□-03
SPDT/DPDT YX5221□-03
 YX5241□-03 INST



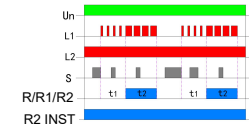
Off Delay YX5211□-04
SPDT/DPDT YX5221□-04
 YX5241□-04 INST



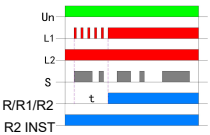
On & Off Delay YX5410□-10
SPDT/DPDT YX5420□-10
 YX5440□-10 INST



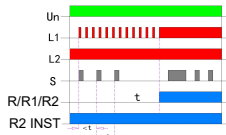
On & Off Delay YX5410□-30
SPDT/DPDT YX5420□-30
 YX5440□-30 INST



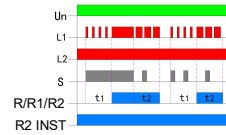
On Delay YX5210□-02
SPDT/DPDT YX5220□-02
 YX5240□-02 INST



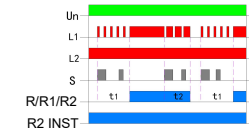
On Delay YX5210□-03
SPDT/DPDT YX5220□-03
 YX5240□-03 INST



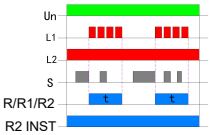
On & Off Delay YX5410□-50
SPDT/DPDT YX5420□-50
 YX5440□-50 INST



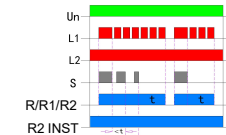
On & Off Delay YX5410□-70
SPDT/DPDT YX5420□-70
 YX5440□-70 INST



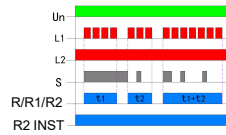
Off Delay YX5211□-20
SPDT/DPDT YX5221□-20
 YX5241□-20 INST



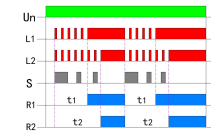
Off Delay YX5211□-21
SPDT/DPDT YX5221□-21
 YX5241□-21 INST



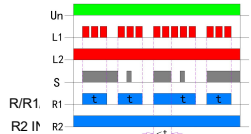
Off Delay YX5411□-50
SPDT/DPDT YX5421□-50
 YX5441□-50 INST



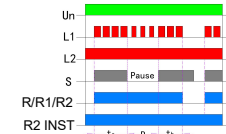
On Delay YX5430□-10
DPDT



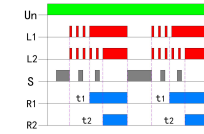
Off Delay YX5211□-40
SPDT/DPDT YX5221□-40
 YX5241□-40 INST



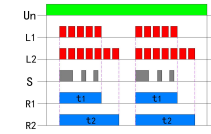
Off Delay YX5211□-80
SPDT/DPDT YX5221□-80
 YX5241□-80 INST



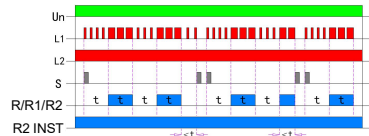
On Delay YX5430□-30
DPDT



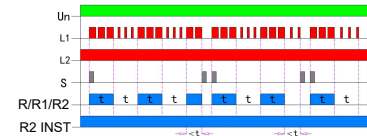
Off Delay YX5431□-10
DPDT



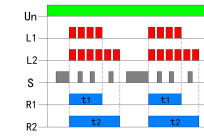
Cycle Delay YX5212□-00
SPDT/DPDT YX5222□-00
 YX5242□-00 INST



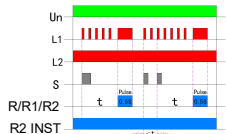
Cycle Delay YX5213□-00
SPDT/DPDT YX5223□-00
 YX5243□-00 INST



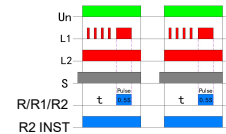
On Delay YX5431□-30
DPDT



Pulse Generator & Trigger Pulse Generator
SPDT/DPDT



YX5215□-01
 YX5225□-01
 YX5245□-01 INST



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.



WENZHOU DERREK ELECTRIC CO.,LTD.
 Zhiguang Industry Zone, Liushi Town, Yueqing, Wenzhou City, Zhejiang Province, China
[Http://www.relayfactory.net](http://www.relayfactory.net)
[Http://www.yaoxuele.com](http://www.yaoxuele.com)
[Http://www.yoshine.jp](http://www.yoshine.jp)
 E-mail: Sue@yaoxuele.com