

TRW series

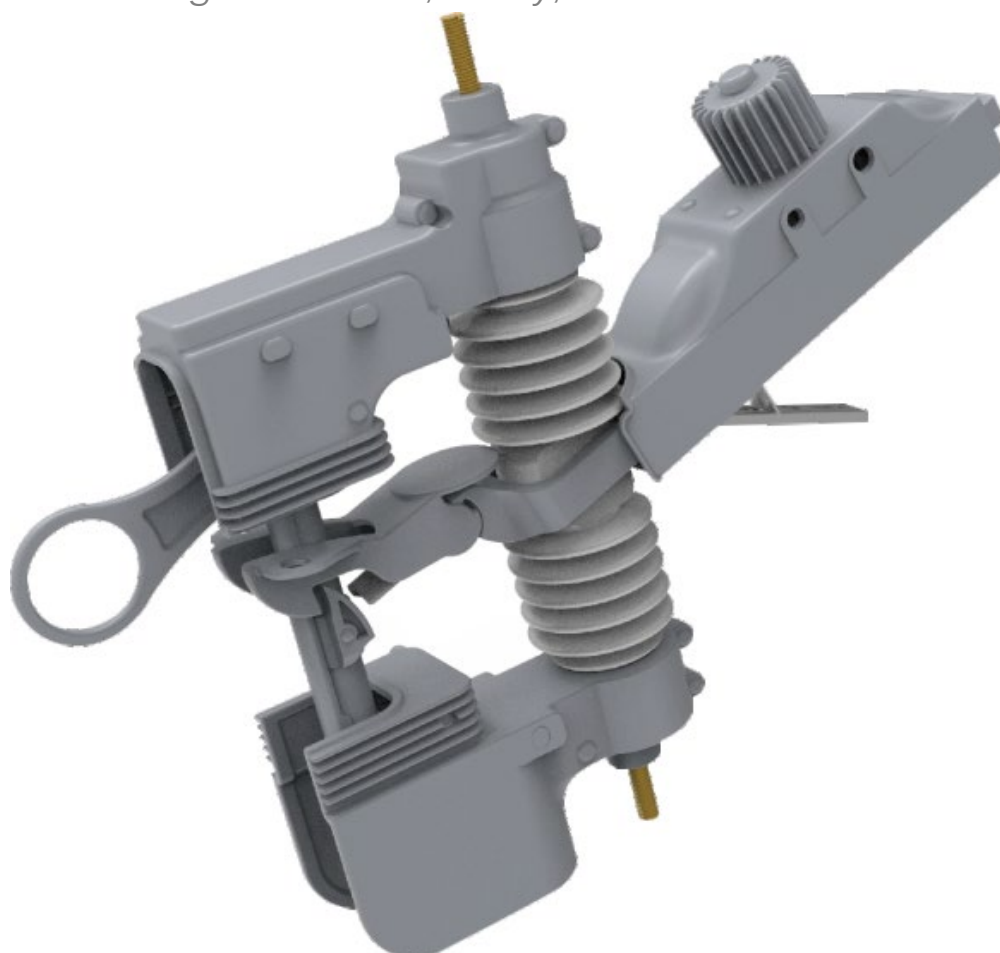
Intelligent drop out fuse

Local remote control and remote operation in dual modes

Achieve physical isolation between the human body and high voltage

Proactive contingency plan, safely cut off power in advance

Requirements for high insulation, safety, and weather resistance



Comply with IEC/ANSI standards

Provided customized manufacture

Whole solutions for design, assembly, test...

Accountable solution for safety and reliability

Wide range offering, easy business and convenient installation



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ZHEJIANG ROCKWELL ENERGY TECHNOLOGY CO.,LTD. is a technology enterprise specializing in providing complete solutions for power automation system and related automation system supporting equipment.

The company has a long-term strategic cooperation with internationally renowned middle and high voltage electrical equipment R & D and manufacturing companies and research institutes, and has jointly developed a series of high-quality automation products,. The company has also married with the provincial intelligent high-voltage switch laboratory to jointly develop a new generation of intelligent synchronous switch measurement and control devices, electronic transformers, voltage sensor processing units, etc., and has achieved some fruitful technical achievements and accumulated a large number of industry professional and technical elites with excellent experience.Solid talent base, advanced production equipment, perfect quality system, strict testing means, is a strong guarantee for the company's product quality alone.

In addition to providing a rich choice of products, we can provide you with technical solution support services, you only need to tell us your needs, our technical staff will be tailored for you to design a complete set of product solutions

The company is renowned at home and abroad for providing high-quality products and services. In addition to the domestic market, the products are currently exported to South America, Central Asia, the Middle East, Central Europe, Southeast Asia, Africa and other places.We always adhere to the belief of growing together with customers, and strive to provide safer, more reliable, more advanced and more humane automation system solutions and equipment.

RW-energy[®], China. Provide with best support.

If you have any question please consult below:

Email: jaylen@rw-relay.com

Tel: [+86 \(577\) 27819965](tel:+86(577)27819965)

Web station: <https://www.energy-rw.com/>

RW-energy® strives to bring our customers the latest technology and competitive pricing and best service for distribution automatic.

The TRW series fully protective intelligent drop out fuse is a high-voltage distribution protection device developed in accordance with national standards and specially designed for distribution network systems. It is an upgrade and replacement of traditional products.

Adopting a fully protected structure, it has good overload breaking performance and isolation circuit performance. The conductive part is not exposed to the outside, meeting the requirements of high protection, safety, and weather resistance, and can effectively prevent grounding and short circuit faults caused by external foreign objects.

It can be operated electrically and manually, with dual modes of on-site remote control and remote control, achieving physical isolation between the human body and high-voltage electricity, without the need for climbing or climbing. The operation is safe and simple, and is not limited by the environment, weather, night, or the skills of operation and maintenance personnel. The components are domestically produced and equipped with encryption chips to prevent hacker attacks. Relying on intelligent monitoring and early warning and Beidou positioning, it achieves precise fault location, assists in intelligent operation and maintenance of distribution networks, significantly reduces labor costs and operation time, and improves energy efficiency and safety protection. To provide stable and reliable protection for line branches and distribution transformers, and to meet the requirements of intelligent transformation of distribution networks..

Service environment

Air temperature: Ambient temperature: -40°C ~ +70°C

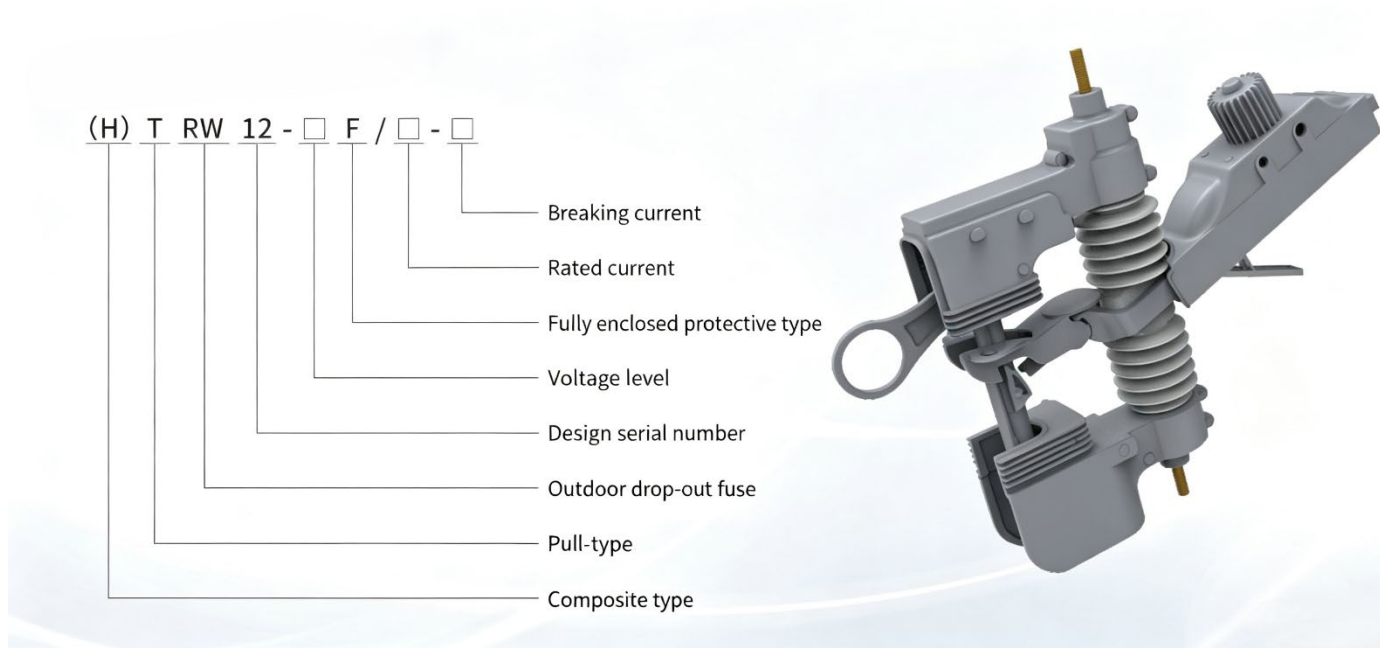
Humidity: 5% ~ 95% (Non-congealing cream)

Above sea level: -100~3000m

● Main functions

1. Dual mode operation of on-site remote control and remote control, achieving physical isolation between the human body and high-voltage electricity, accurate opening and closing of switches, no need to climb high, avoiding falling from heights, simple and convenient, and ensuring personal safety.
2. Not affected by adverse weather conditions such as wind, rain, fog, snow, and night time, operates 24/7, and ensures timely and reliable power transmission.
3. Not limited by the operator's level of operation and proficiency, avoiding equipment damage and restricting power supply efficiency.
4. Proactive contingency plan, once a disaster occurs due to aging of transformers and lines, the power supply can be safely cut off at any time from a distance.
5. The intelligent monitoring and warning system can monitor the operation status of the transformer substation in real time, and the equipment can transmit fault information when it falls. The Beidou positioning system can accurately record the installation location of products, saving time and improving efficiency for maintenance and repair.
6. The new generation of products can add video surveillance, remote operation with load, and other functions according to user needs.
7. The fully protected conductive part is not exposed to the outside, meeting the requirements of high protection, safety, and weather resistance, and can effectively prevent grounding and short circuit faults caused by external foreign objects.

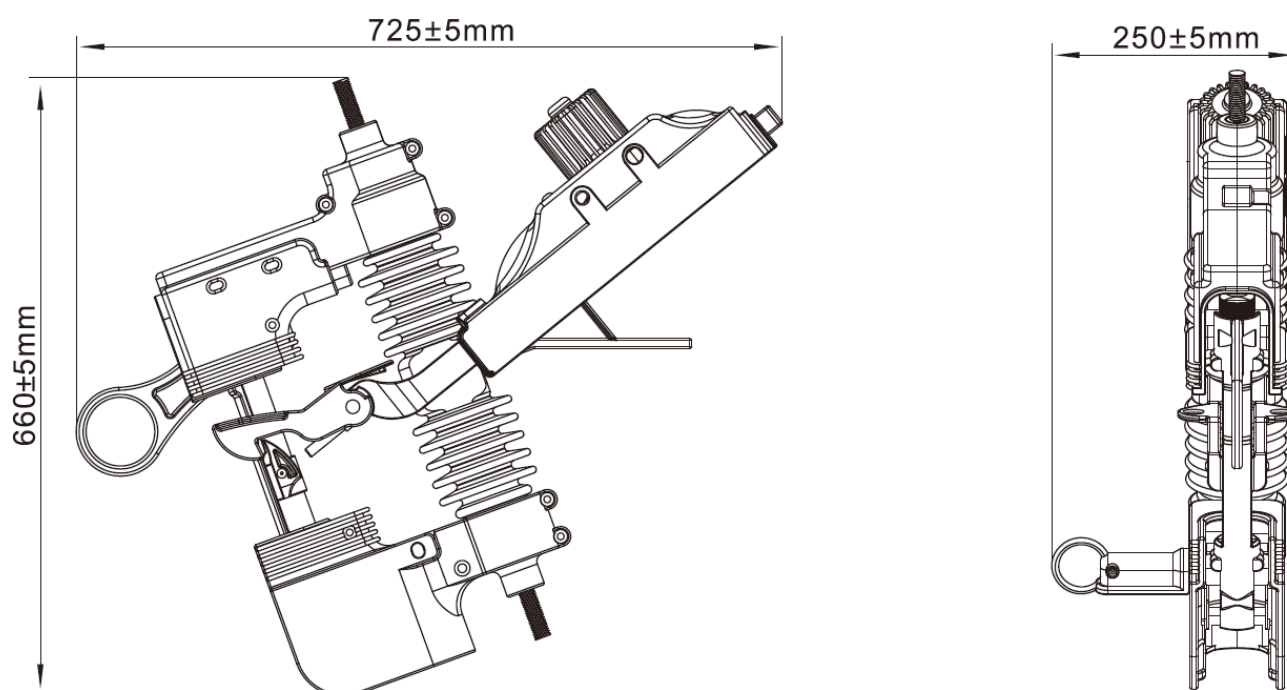
● Model and meaning



● Main technical parameters

Model	TRW12-12F		HTRW12-12F	
Rated Voltage (kV)	12		12	
Rated Current (A)	100	200	100	200
Short-time Withstand Current & Peak Withstand Current (kA)	12.5	12.5 (16)	12.5	12.5 (16)
Power Frequency Withstand Voltage (kV)	42/48			
Phase-to-Ground / Breaking Contact				
Lightning Impulse Voltage (kV)	75/85			
Phase-to-Ground / Breaking Contact				
Motor Voltage (V DC)	12 (24)			
Loop Resistance ($\mu\Omega$)	≤ 380			

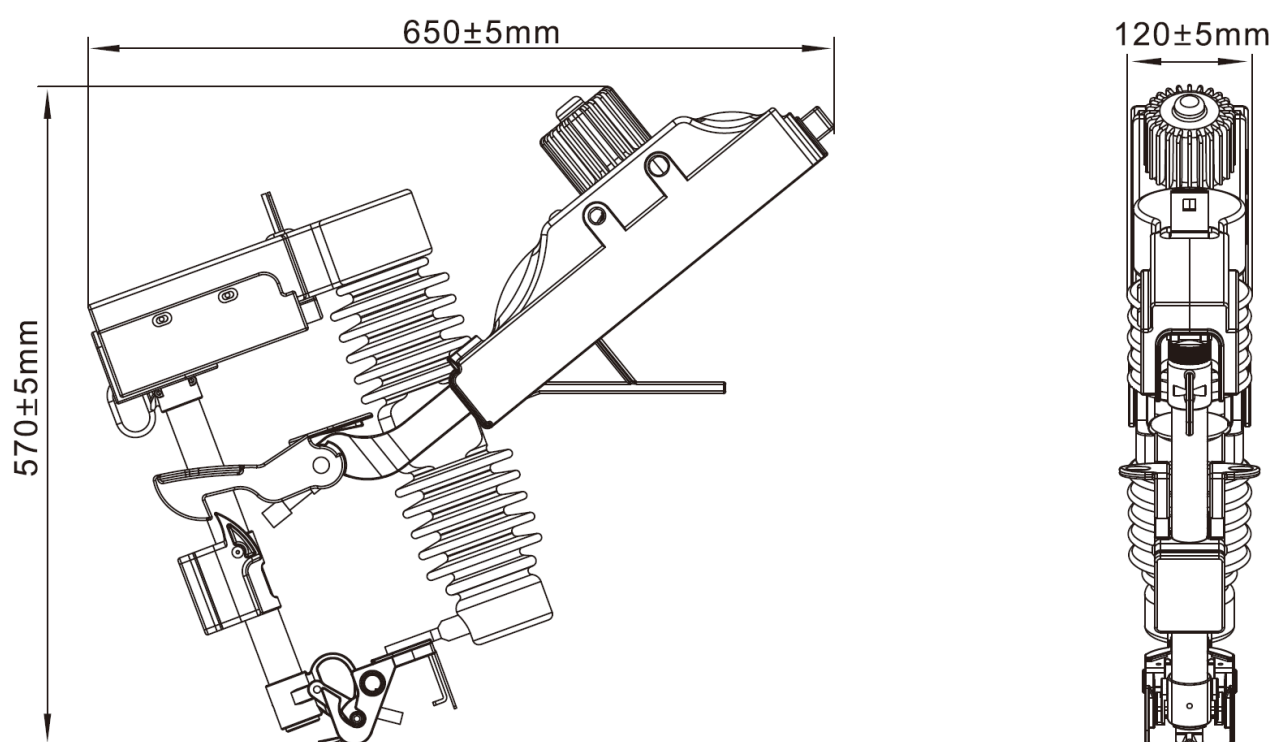
● Dimension

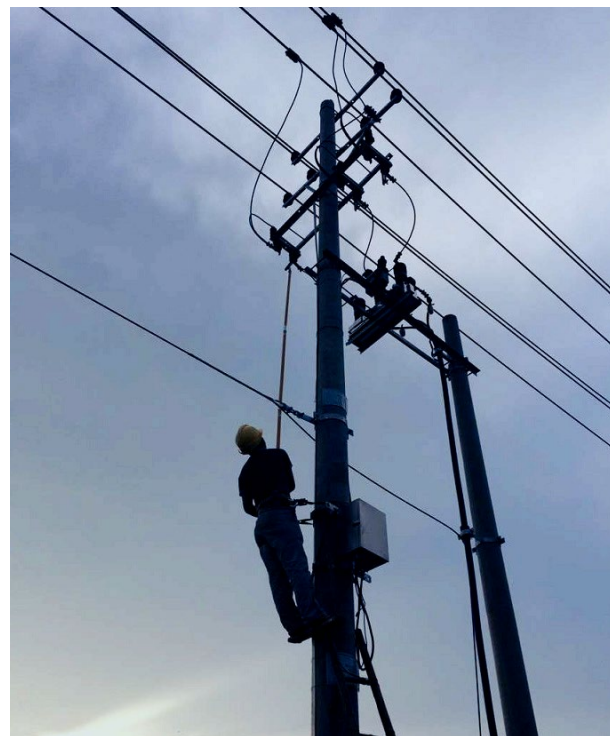
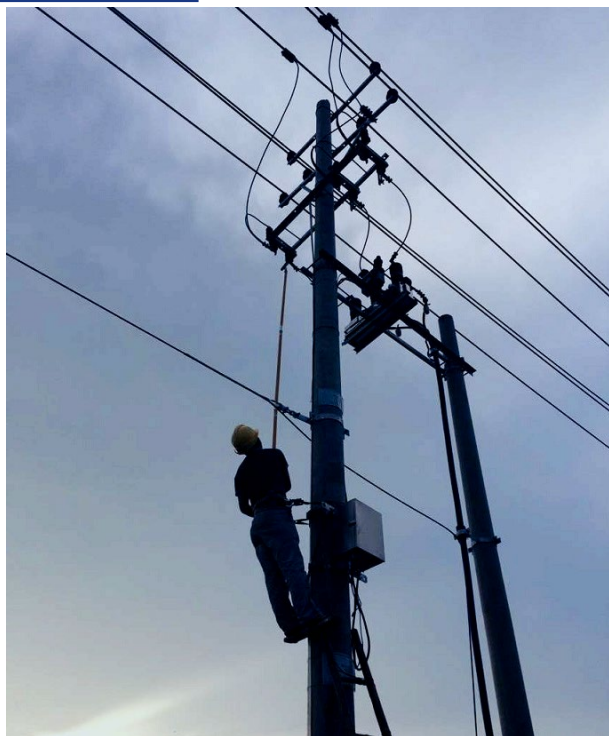


● Main technical parameters

Model	TRW12-12		HTRW12-12	
Rated Voltage (kV)	12		12	
Rated Current (A)	100	200	100	200
Short-time Withstand Current & Peak Withstand Current (kA)	12.5	12.5 (16)	12.5	12.5 (16)
Power Frequency Withstand Voltage (kV)	42/48			
Phase-to-Ground / Breaking Contact				
Lightning Impulse Voltage (kV)	75/85			
Phase-to-Ground / Breaking Contact				
Motor Voltage (V DC)	12 (24)			
Loop Resistance ($\mu\Omega$)	≤ 380			

● Dimension





Field service operation and warranty issues:

RW-energy® can provide competent, well trained field service representatives to provide technical guidance and advisory assistance for the installation, overhaul, repair and maintenance of RW-energy® equipment, processes and systems.

RW-energy® service Tel: [+86 \(577\) 27819965](tel:+86(577)27819965)

Email: jaylen@rw-relay.com

Or check the website information: <https://www.energy-rw.com/>