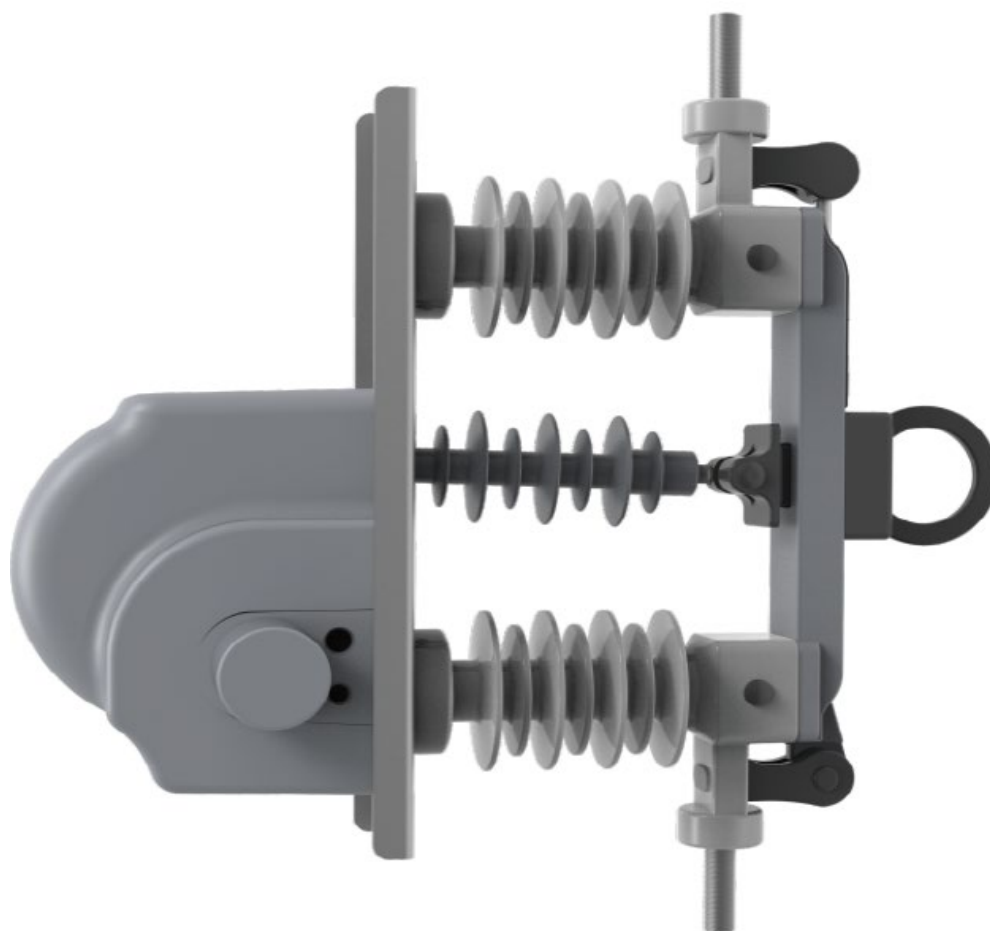


DGDW series Intelligent disconnector

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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About us / Contact us

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

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.

DGDW1-12F fully insulated outdoor high-voltage intelligent isolation switch is a single-phase AC 50Hz high-voltage switchgear used in 10kV power systems to connect or disconnect power sources under voltage and no-load conditions. Adopting a closed 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 insulation, safety, and weather resistance. It can effectively prevent grounding and short circuit faults caused by external foreign objects. In terms of control mode, it adopts two modes: local remote control and remote control. The high-voltage electrical opening and closing are isolated from the human body, and the opening and closing are accurate and in place, without the need to climb high. It is simple and convenient, ensuring personal safety, and retains traditional operation methods. It is a key terminal device for achieving intelligent upgrading of the distribution network.

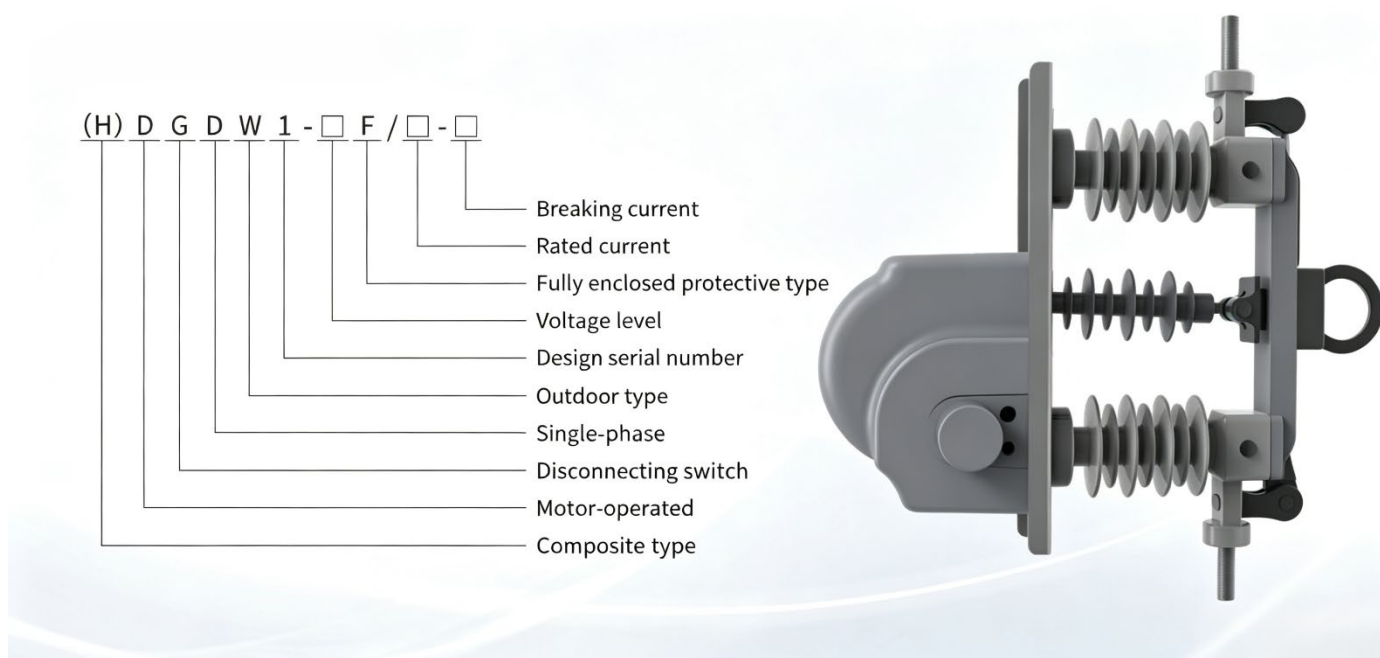
Service environment

Air temperature:	Ambient temperature: -40°C ~ +70°C
Humidity:	5% ~ 95% (Non-congealing cream)
Above sea level:	-100~3000m
Pollution level	IV

● 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, no need to climb high, simple and convenient, and ensuring personal safety.
2. Not affected by adverse weather conditions such as wind, rain, fog, and night time, operate 24/7.
3. Not limited by the operator's level of operation and proficiency, avoiding equipment damage and restricting power supply efficiency.
4. Proactive contingency plans are in place to safely cut off power in the event of a disaster caused by aging transformers and lines.
5. The new generation of products can add video surveillance according to user needs
6. The fully enclosed live parts are not exposed to the outside, meeting the requirements of high insulation, safety, and weather resistance, and can effectively prevent grounding and short circuit faults caused by external foreign objects.

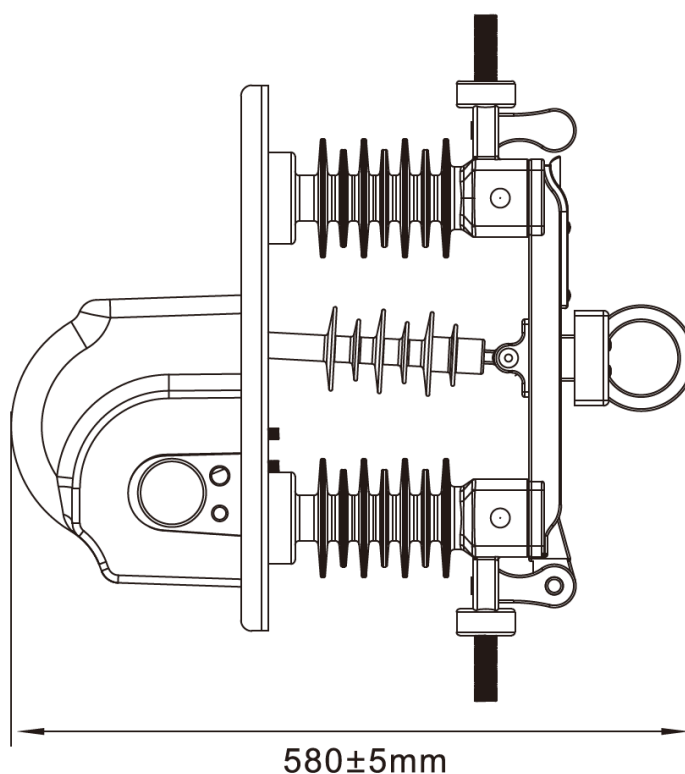
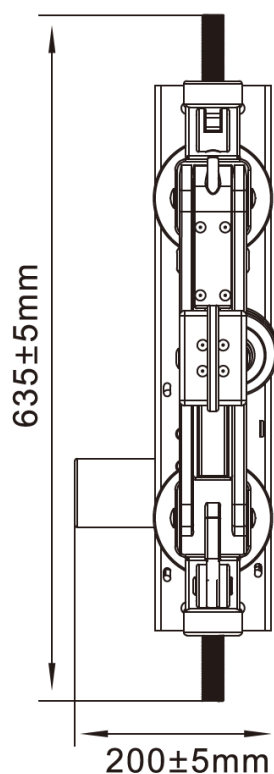
● Model and meaning



● Main technical parameters

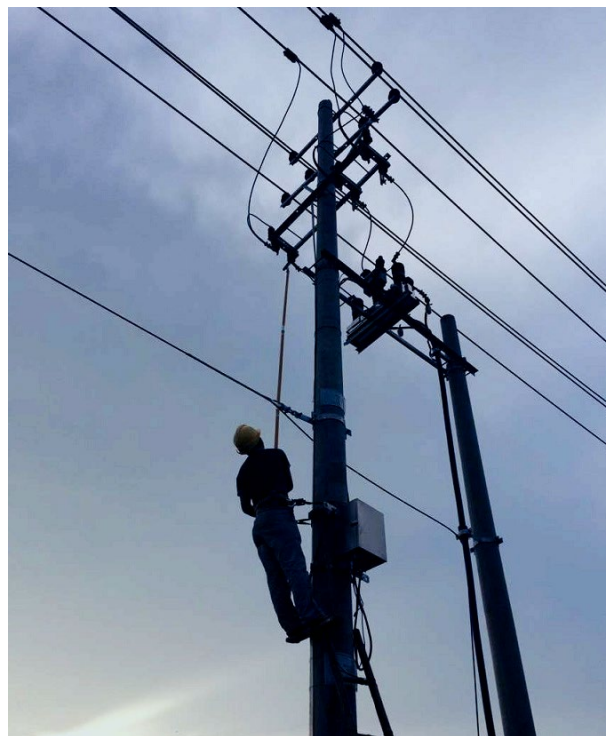
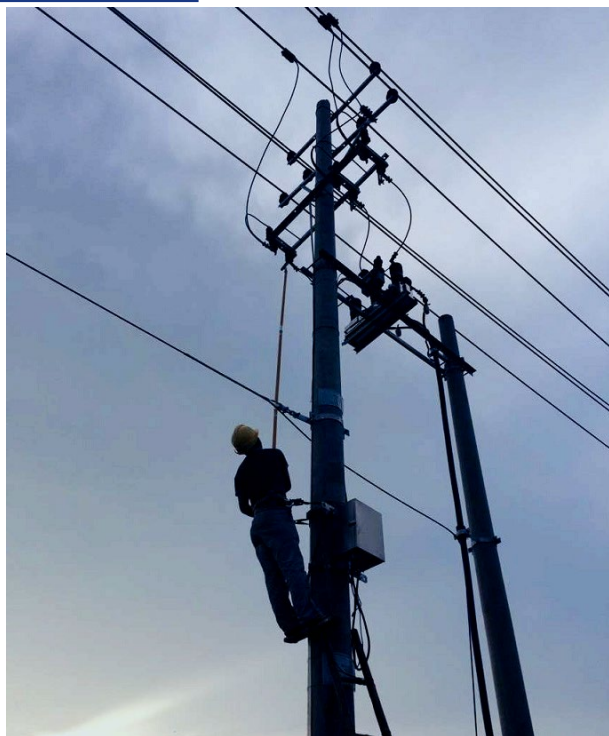
Model	DGDW1-12		HDGDW1-12	
Rated Voltage (kV)	12		12	
Rated Current (A)	630	1250	630	1250
Short-time Withstand Current & Peak Withstand Current (kA)	25kA/4s Peak value: 63kA			
Power Frequency Withstand Voltage (kV)	42/48			
Phase-to-Ground / Breaking Contact				
Lightning Impulse Voltage (kV)	75/85			
Phase-to-Ground / Breaking Contact				
Motor Voltage (V DC)	12 (24)			
Loop Resistance ($\mu\Omega$)	≤ 100			

● Dimension



After-sale service

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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.

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