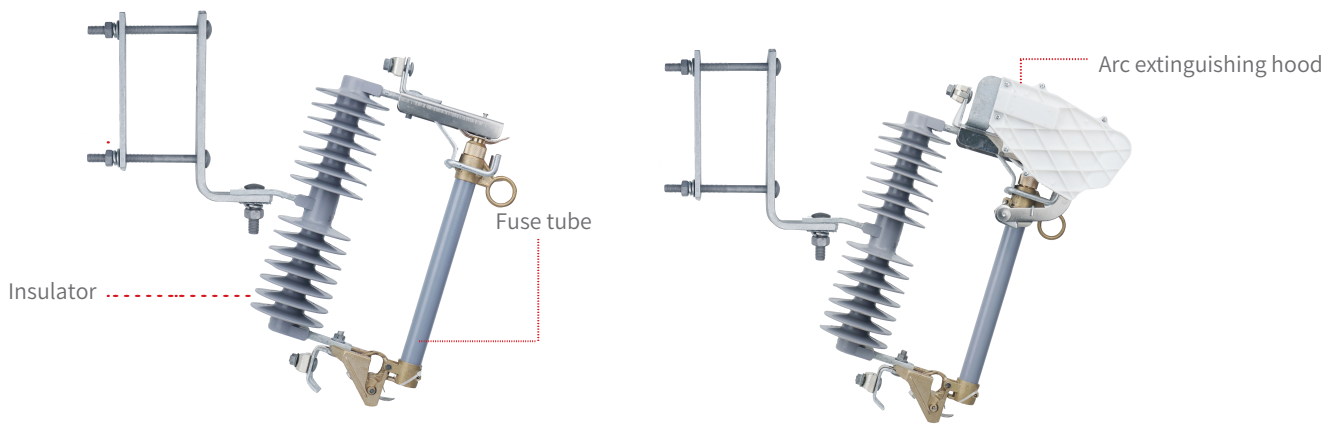


Drop-out Fuse



Application scope

Drop-out fuse and load break drop-out fuse is the outdoor high voltage protective device. It equipment in distribution transformer high voltage side or distribution line branch trunk road, as the transformer and line short road, overload protection and points ,closing load current. Drop-out fuse by the insulating bracket and the fuse tube is composed of two parts,the static contact is mounted in the insulated bracket at both ends, moving contact mounting of the fuse tube ends of wire tube comprises a layer of arc tube and an outer layer of epoxy glass tube. load break drop-out fuse increased elastic auxiliary contact and arc extinguishing cover, with points, closing load current.

Drop-out fuse in normal operation, the fuse tube with fuse tension after the formation of the closed position. When a fault occurs, fault current that the fuse is fused quickly,and the formation of arc, arc tube by arc burning,decomposition of the large amounts of gas, so that the tube is formed inside the high pressure, and along the pipeline to form longitudinal blow, arc is rapidly stretched out. After the fuse wire is broken, the lower moving contact without pulling down, the locking mechanism to release the fuse tube, fuse tube falls, formed apparent breaking position. When the need to pull the load with the insulating rod, moving contact, when active, static help contact still ran contact, continue to use the insulating rod puling contact auxiliary contact separation, also,in the auxiliary contacts between arc, arc in the arc cover slit is elongated, and arc extinguishing cover to generate gas,in the electrical flow through zero, the extinction or arc.

Structural features

- > Melt tube Structure: DNHRW12 Fuse tube take made of Fiberglas, Damp-proof & Corrosion-proof.
- > Fuse Base: The base of the DNHRW12 Drop-out fuse series consists of three parts: an insulating core rod, a silicone rod rubber umbrella sleeve, and connecting fittings at both ends. It has the characteristics of light weight, strong pollution resistance, large creepage distance, and easy transportation and installation.
- > Advantage: Moistureproof fuse has not blister, deformation, open,large capacity, UV, long life; superior electric properties, dielectric strength and excellent mechanical stiffness and consecrated ability;The whole organization to neutral, convenient installation, safe and reliable.

Applications

- > Capacitor: DNHRW12 Drop-out fuse offer current protection and capacitor electric equipment for capacitors and it also provides simple instructions, and cheap open capacitance.
- > Transformer Units Meet: DNHRW12 Drop-out fuse can be used to meet the single-phase and three-phase transformer exciting current.
- > Breaking: DNHRW12 Drop-out fuse provides an easy way to break single and three phases, loops and lines during maintenance or unexpected conditions.
- > Pole on the lead: DNHRW12 Drop-out fuse provides a suit in the underground cable with lead to power feeder of the circumstance capacitance current solutions.

Drop-out Fuse

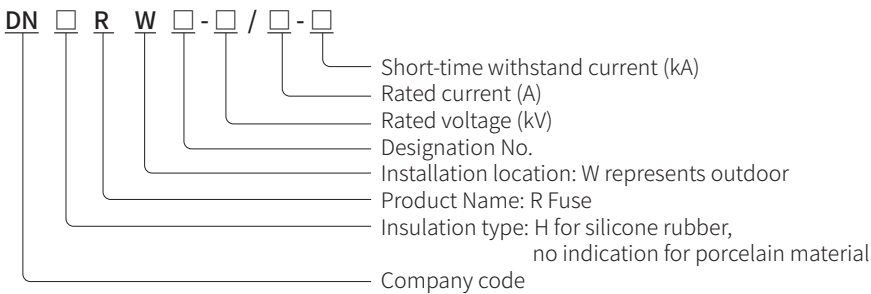
Normal Operating Conditions:

- > Ambient temperature: -40°C ~+40°C;
- > Relative humidity: daily average not greater than 95%, monthly average not greater than 90%;
- > Installation location: altitude not exceeding 1000m;
- > Wind speed: no more than 35m/s;
- > Ice thickness: no more than 10mm;
- > Installation location: There should be no risk of fire or explosion, chemical corrosion and severe vibration;
- > Earthquake intensity: no more than magnitude 8;
- > It is not suitable for use in places with burning or explosion risks, places with severe vibration or impact, areas with conductive and chemical gases, and areas with serious pollution and salt spray.

Ordering Instructions:

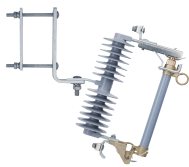
- > Product Model;
- > Product rated voltage;
- > Product rated current;
- > Whether with arc extinguishing cover;
- > Whether with mounting back panel;
- > Installation location: There should be no risk of fire or explosion, chemical corrosion and severe vibration;
- > Please inform our company of special requirements.

Product model instruction:



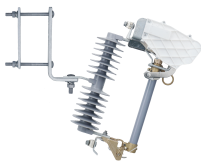
Manufacturing and testing standards: IEC 60282-2: IEC 61109: ANSI C37.41: ANSI C37.42

24kV Drop-out Fuse

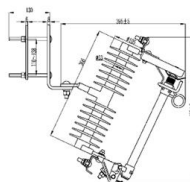


Type	Rated Voltage (kV)	Rated Current (A)	Breaking Current (kA)	Power-frequency Withstand Voltage (kV)	Impulse Voltage (BIL)	Creepage Distance (mm)	Weight (kg)	Dimensions (cm)
DNHRW12-24/100	24	100	12	65	125	620	4	46.5×39.5×10.5
DNHRW12-24/200	24	200	12	65	125	620	4	46.5×39.5×10.5

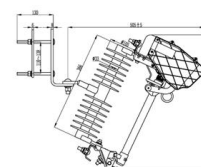
24kV Load break Drop-out Fuse



Type	Rated Voltage (kV)	Rated Current (A)	Breaking Current (kA)	Power-frequency Withstand Voltage (kV)	Impulse Voltage (BIL)	Creepage Distance (mm)	Weight (kg)	Dimensions (cm)
DNHRW12-24F/100	24	100	12	65	125	620	4.5	50.5×48.4×14.7
DNHRW12-24F/200	24	200	12	65	125	620	4.5	50.5×48.4×14.7



24kV Drop-out Fuse



24kV Load break Drop-out Fuse

DNRW12

Series Drop-out Fuse (Porcelain insulator)

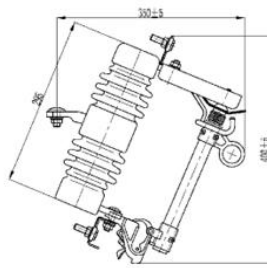


10-15kV Drop-out Fuse

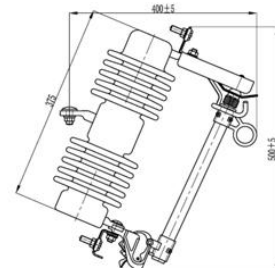
Type	Rated Voltage (kV)	Rated Current (A)	Breaking Current (kA)	Power-frequency Withstand Voltage (kV)	Impulse Voltage (BIL)	Creepage Distance (mm)	Weight (kg)	Dimensions (cm)
DNRW12	10-15	100	12	42	85	240	5.2	40×35×9.7
DNRW12	10-15	200	12	42	85	240	5.5	40×35×9.7

24-27kV Drop-out Fuse

Type	Rated Voltage (kV)	Rated Current (A)	Breaking Current (kA)	Power-frequency Withstand Voltage (kV)	Impulse Voltage (BIL)	Creepage Distance (mm)	Weight (kg)	Dimensions (cm)
DNRW12	24-27	100	12	50	125	660	8.3	50×40×13.7
DNRW12	24-27	200	12	50	125	660	8.8	50×40×13.7



10-15kV Drop-out Fuse



24-27kV Drop-out Fuse

DNRW12 Series Load break Drop-out Fuse (Porcelain insulator)

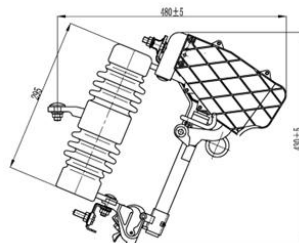


10-15kV Load break Drop-out Fuse

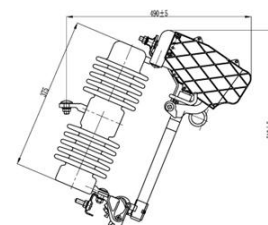
Type	Rated Voltage (kV)	Rated Current (A)	Breaking Current (kA)	Power-frequency Withstand Voltage (kV)	Impulse Voltage (BIL)	Creepage Distance (mm)	Weight (kg)	Dimensions (cm)
DNRW12	10-15	100	12	42	85	240	7	48×43×15
DNRW12	10-15	200	12	42	85	240	7.5	48×43×15

24-27kV Load break Drop-out Fuse

Type	Rated Voltage (kV)	Rated Current (A)	Breaking Current (kA)	Power-frequency Withstand Voltage (kV)	Impulse Voltage (BIL)	Creepage Distance (mm)	Weight (kg)	Dimensions (cm)
DNRW12	24-27	100	12	50	125	660	8.8	51×49×15
DNRW12	24-27	200	12	50	125	660	9.3	51×49×15



10-15kV Load break Drop-out Fuse



24-27kV Load break Drop-out Fuse