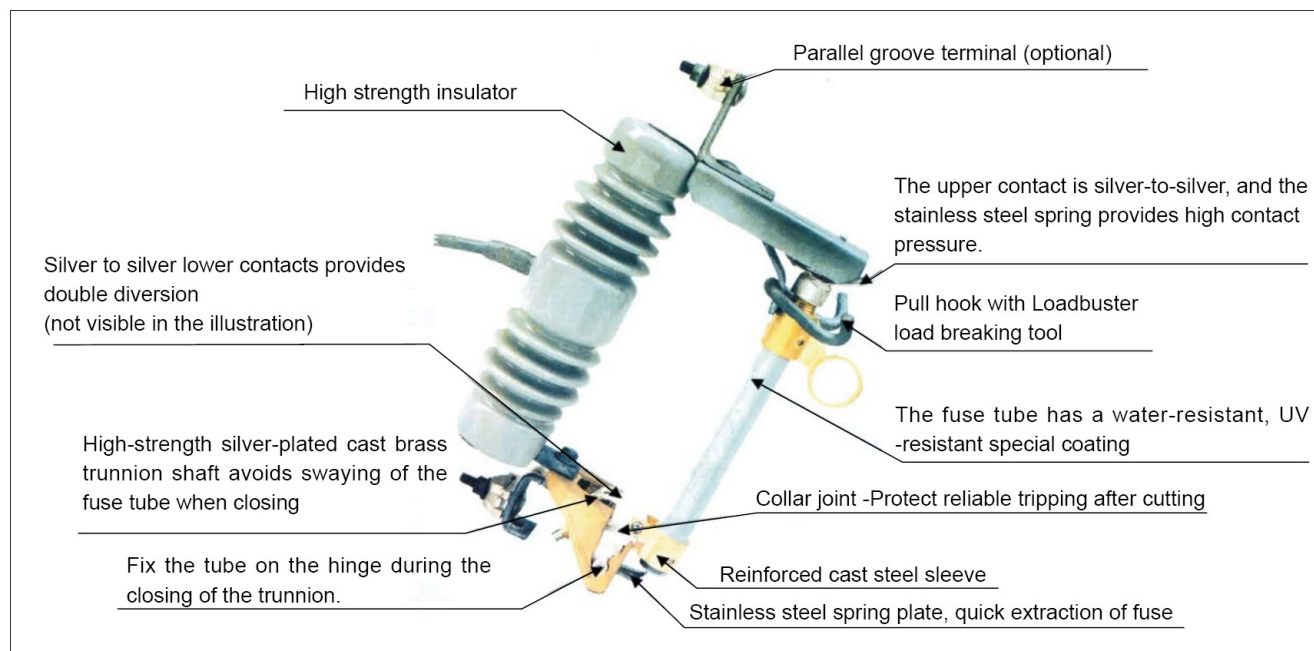


Drop-out fuse

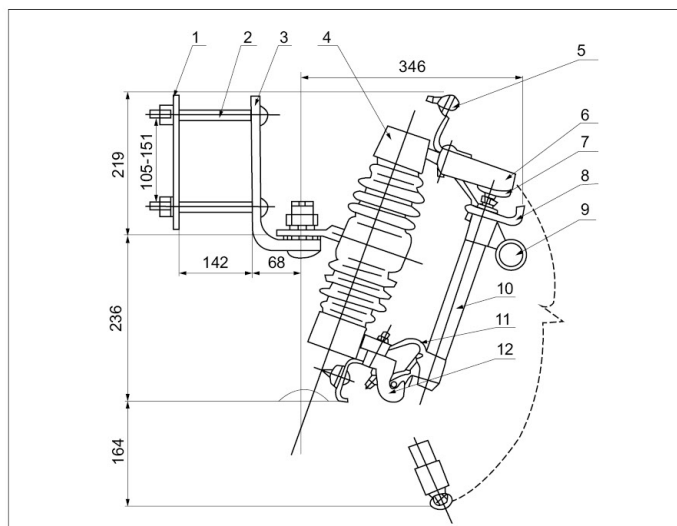
Overview

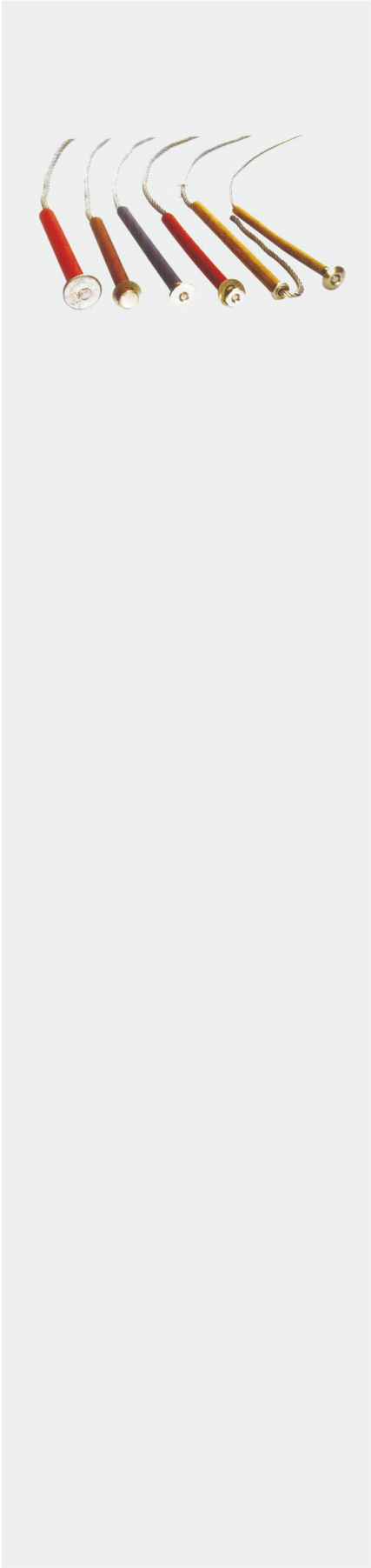
Drop-out fuses and pull-down fuses are outdoor high-voltage protection appliances. It is installed on the high voltage side of the distribution transformer or on the branch line of the distribution line. It is used as short circuit, overload protection and split and combined load current of the transformer and line. The Drop-out fuse consists of two parts: an insulating bracket and a fuse tube. The static contact is installed at both ends of the insulating bracket, the movable contact is installed at both ends of the fuse tube, and the fuse tube is composed of the arc extinguishing tube of the inner layer and the phenolic paper tube or the epoxy glass tube of the outer layer. Control load Drop-out fuse enhanced auxiliary contact and arc extinguishing cover, which is used to split and combined load current.

When the Drop-out fuse is in normal operation, the fuse tube is tensioned by the fuse to form a closed position. When the system fails, the fault current causes the fuse to melt quickly and form an arc. The arc extinguishing tube is heated by the arc, decomposing a large amount of gas, forming a high pressure inside the tube, forming a longitudinal blow along the pipe, and the arc is rapidly elongated and extinguished. After the fuse being blown, the lower moving contact loses tension and turns down, locking the initial machine, releasing the fuse tube, and the fuse tube falling, forming an obvious breaking position. When the load needs to be pulled, use the insulation rod to pull the movable contact. At this time, the active and static contacts are still in contact, and the active and auxiliary contact is continued by the insulating rod, and an arc is generated between the auxiliary contacts, the arc elongated in the slit of the shield, and the arc extinguishing cover being generated the gas, which extinguishes the arc when the current crosses zero.



NO.	Description
1	Back Plate
2	Long Bolts
3	Mouting Brackets
4	Porcelain
5	Connector
6	Upper Housing
7	Upper Contacts
8	Attachment Hooks
9	Operation Ring
10	Fuse Tube
11	Toggle Joint
12	Lower Housing





Fuse Link --- “KB、KU、KS” type

Types and Applications

"KB, KU, KS" type belong to "K" and "T" type fuse links. According to IEC-282 standard, there are three types: common type, universal type and threaded type. It is suitable for 11~36kV voltage class drop-out fuse.

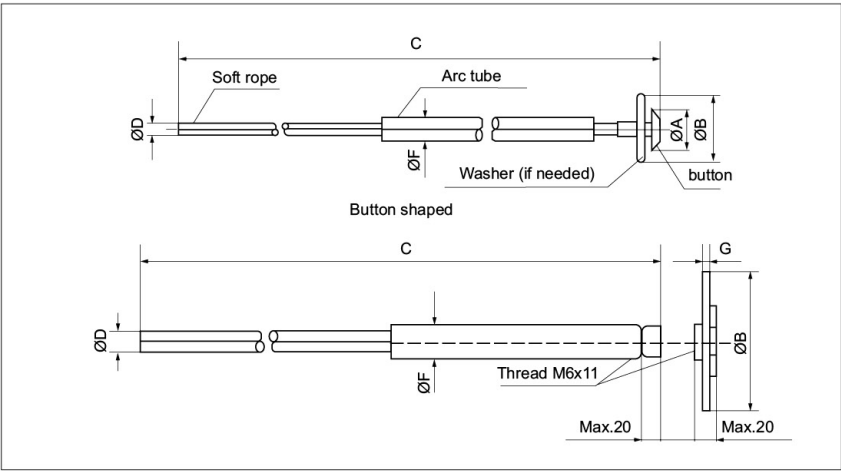
Technical data

Rated current (A)	Dimensions (mm)					Quantity/ carton
	A	B	C	D	F	
1 to 25	12.5 ± 0.2	19.0 ± 0.2	Note 1	2.0	6.5	500
30 to 40	12.5 ± 0.2	19.0 ± 0.2	Note 1	3.0	8.0	500
50 to 100	19.0 ± 0.3	Not applicable	Note 1	5.0	10.0	250
140 to 200	19.0 ± 0.3	Not applicable	Note 1	7.0	12.0	150

Fuse link selection

Transformer capacity (kVA)	Rated current (A)	Fuse link specifications
10	0.58	3
20	1.15	3
30	1.73	3~5
50	2.89	5~10
63	3.64	7.5~10
80	4.62	10~15
100	5.77	10~15
125	7.22	15~20
160	9.24	15~20
200	11.55	20
315	18.19	30

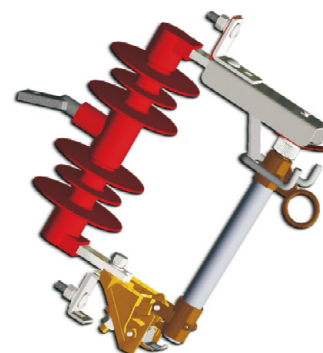
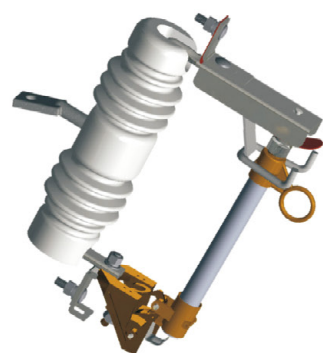
Structure size



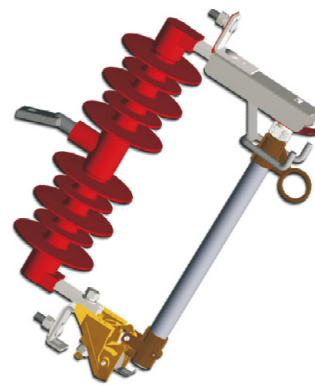
Order information

- 1. Product model, name, rated voltage, rated current, and rated breaking current;
- 2. Environmental requirements (anti-pollution type, highland type);
- 3. Special requirements can be talked with the manufacturer.

RW12 series drop-out fuse (Export-type)



Model	Rated voltage (kV)	Rated current (A)	Breaking current (kA)	Impulse voltage (BIL)	Power frequency withstand voltage (kV)	Creepage distance (mm)	Weight (kg)	Outline Dimensions (cm)
(H)RW12-12/100	12	100	12.5	110	38	(400)216	(3.4)5.8	41x38x10
(H)RW12-12/200	12	200	16	110	38	(400)216	(3.6)6	41x38x10

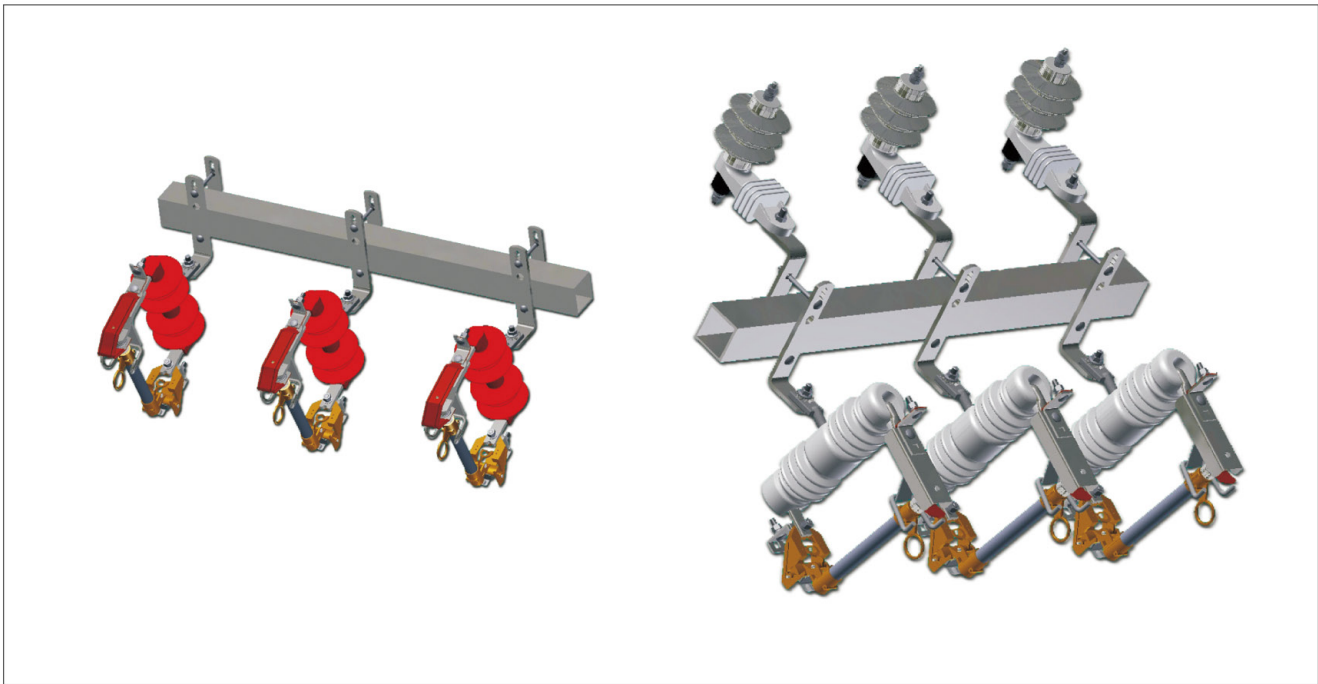


Model	Rated voltage (kV)	Rated current (A)	Breaking current (kA)	Impulse voltage (BIL)	Power frequency withstand voltage (kV)	Creepage distance (mm)	Weight (kg)	Outline Dimensions (cm)
(H)RW12-24/100	24	100	12.5	125	50	(540)372	(3.7)6.8	48x38x10
(H)RW12-24/200	24	200	16	125	50	(540)372	(3.9)7	48x38x10



Model	Rated voltage (kV)	Rated current (A)	Breaking current (kA)	Impulse voltage (BIL)	Power frequency withstand voltage (kV)	Creepage distance (mm)	Weight (kg)	Outline Dimensions (cm)
(H)RW12-36/100	36	100	12.5	170	70	(720)660	(4)12.8	55x38x135
(H)RW12-36/200	36	200	16	170	70	(660)720	(4.2)13	55x38x135

Drop-out fuse Installation diagram (Export-type)



Drop-out fuse mounting bracket (Export-type)

