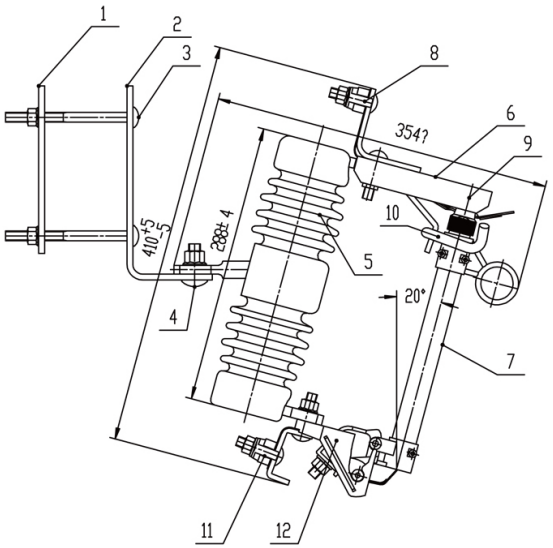
Fuse Cut-out

Dropout fuse cutout and tension load dropout fuse cutout are outdoor high voltage protection facilities. The fuse is installed at high voltage side of transformer or branch line of distribution line to protect transformer or transmission line from short circuit and overload, to break and connect load current. Dropout fuse cutout is consist of insulation bracket and fuse tube, fixed contact is installed at both ends of insulation bracket, moving contact is installed at both ends of fuse tube. Fuse tube is consist of two parts, arcing extinguishing tube in inner side and epoxy glass tube outside. Tension load dropout fuse cutout increases the flexible auxiliary contact and arcing-extinguishing shield to break or connect load current.

Fuse tube comes into the connection situation because of fuse wire tension during fuse cutout's regular working status. When a fault occurs, the fault current burns the fuse wire immediately, which will generate arcing, heating the arc-extinguishing tube, releasing much gas, as a result the tube will be filled with high pressure, mixed blast come into being along the tube, and the arcing will die out immediately because of being stretched. After fuse wire breaks down, the bottom moving contact will turn down because of losing strain, lock coupling release the fuse tube and tube fells down, making an obvious breaking mark. When we need to increase load, open the contact with an insulated lever, both fixed and moving contacts are touching at this moment, keeping pulling the contacts with insulated lever, auxiliary contact will be separated, arcing comes into being between auxiliary contacts, and be stretched in the narrow gap of arcing-extinguishing shield, meanwhile arcing-extinguishing shield will release gas to put off arcing when current reaches zero.



12	Cooper bracket
11	Output terminal
10	Attachment hooks
9	Contact spring
8	Input terminal
7	Fuse tube
6	Rain cap
5	Insulator
4	Squar bolts M12*40
3	Squar bolts M10*130
2	Installation bracket I
1	Back rod

MT-PRW1-15/200

Rated Voltage (kV)	12-15
Rated Current (A)	100/200
Breaking Current (kA)	6/8
Impulse Voltage (BIL)	110
Power-frequency Withstand Volatage (kV)	42
Leakage Distance (mm)	220
Weight (kg)	6.3
Dimensions (cm)	37.5*33*11

MT-PRW1-24

Rated Voltage (kV)	15-24
Rated Current (A)	100/200
Breaking Current (kA)	10/12
Impulse Voltage (BIL)	125
Power-frequency Withstand Volatage (kV)	54
Leakage Distance (mm)	330
Weight (kg)	10
Dimensions (cm)	51*37*14

MT-PRW1-27

Rated Voltage (kV)	24-27
Rated Current (A)	100/200
Breaking Current (kA)	8/10
Impulse Voltage (BIL)	150
Power-frequency Withstand Volatage (kV)	65
Leakage Distance (mm)	540
Weight (kg)	10
Dimensions (cm)	51*34.5*14

MT-PRW1-27B

Rated Voltage (kV)	24-27
Rated Current (A)	100/200
Breaking Current (kA)	8/10
Impulse Voltage (BIL)	150
Power-frequency Withstand Volatage (kV)	65
Leakage Distance (mm)	540
Weight (kg)	10
Dimensions (cm)	51*34.5*14

MT-PRW1-27A

Rated Voltage (kV)	24-27
Rated Current (A)	100/200
Breaking Current (kA)	10/12
Impulse Voltage (BIL)	150
Power-frequency Withstand Volatage (kV)	65
Leakage Distance (mm)	510
Weight (kg)	10
Dimensions (cm)	52*37*14

MT-PRW1-36

Rated Voltage (kV)	33-36
Rated Current (A)	100/200
Breaking Current (kA)	10/12
Impulse Voltage (BIL)	170
Power-frequency Withstand Volatage (kV)	72
Leakage Distance (mm)	720
Weight (kg)	11.6
Dimensions (cm)	60*41*12

MT-PRW2-17

Rated Voltage (kV)	15-17
Rated Current (A)	100/200
Breaking Current (kA)	8/10
Impulse Voltage (BIL)	150
Power-frequency Withstand Volatage (kV)	62
Leakage Distance (mm)	540
Weight (kg)	4.6
Dimensions (cm)	52.5*34*9.5

MT-PRW2-24

Rated Voltage (kV)	22-24
Rated Current (A)	100/200
Breaking Current (kA)	8/10
Impulse Voltage (BIL)	150
Power-frequency Withstand Volatage (kV)	62
Leakage Distance (mm)	630
Weight (kg)	4.6
Dimensions (cm)	52.5*34*9.5

MT-PRW2-36

Rated Voltage (kV)	30-36
Rated Current (A)	100/200
Breaking Current (kA)	10/12
Impulse Voltage (BIL)	170
Power-frequency Withstand Volatage (kV)	72
Leakage Distance (mm)	850
Weight (kg)	6.8
Dimensions (cm)	87*45*14

MT-PRW2-36B

Rated Voltage (kV)	33-36
Rated Current (A)	100/200
Breaking Current (kA)	10/12
Impulse Voltage (BIL)	170
Power-frequency Withstand Volatage (kV)	72
Leakage Distance (mm)	980
Weight (kg)	6.8
Dimensions (cm)	87*45*14

MT-PRW2-36L

Rated Voltage (kV)	33-36
Rated Current (A)	100/200
Breaking Current (kA)	10/12
Impulse Voltage (BIL)	170
Power-frequency Withstand Volatage (kV)	72
Leakage Distance (mm)	900
Weight (kg)	6.8
Dimensions (cm)	87*45*14

MT-PRW3-6

System Rated Voltage (kV)	6
MOA Rated Voltage (kV)	10
Continuous Operating Voltage (kV)	8.0
Direct Current Reference Voltage (U1mA)	15.0
Leakage Current (A)	30
Lightning Impulse Residual Voltage (kV)	30
Switching Impulse Residual Voltage (kV)	25.6
Rectangular Wave Flow Capacity (2ms)(A)	150
High Current Impulse Withstand (kA)	40

High Voltage Fuse Wire Series

New button type fuse link:

Using the "K" type fuse with fusion rate 6 -8, "T" type fuse with fusion rate 10-13, both are prompted by Ministry of National Resources. This series is widely used in RW10, RW11, RW20, PRWG1, PRWG2 and other types dropout fuse.

Normal button type fuse link:

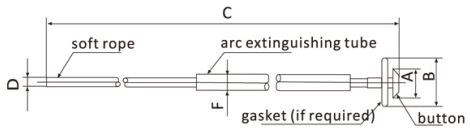
Using the traditional silver-cooper alloy, fusion rate is 10-13, widely used in RW10. RW11, RW20, PRWG1, PRWG2 and other types dropout fuse.

New button type fuse link:

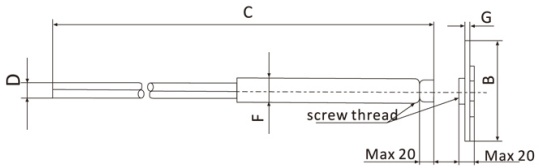
Using the "T" type fuse with fusion rate 10-13, widely used in RW6-66vK, RW5-35vK and other types dropout fuse.

Definite-purpose fuse link for HV capacitor

Br1, BR2, BRW, BRN, BRW2, BR, RN, RNYI, RNG, BR2W, RW type fuse cutout are used in electric system 10kV or below to protect the inner fault of each single capacitor, will break off the failed capacitor reliably and rapidly, so as to avoid explosion accidents caused by capacitor's inner components being pierced and keeps electric network running safely.



Button Type



Technical Specifications:

Rated Current (A)	Specification					PCS/CTN
	A	B	C	D	F	
1–25	12.5±0.2	19±0.2	customized	2.0	6.5	250
30–40	12.5±0.2	19±0.2	customized	3.0	8.0	250
50–100	19±0.3	unsuitable	customized	5.0	9.0	250
140–200	19±0.3	unsuitable	customized	7.0	13.0	150