

## DROP-OUT FUSE TYPE PRW10-12F/100

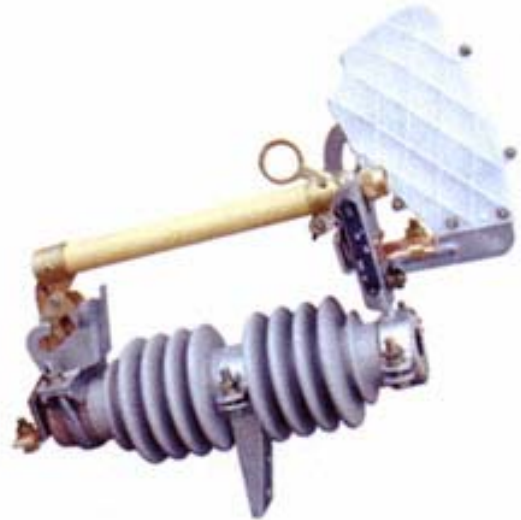
### 1.General:

Drop-off type fuse with load (hereinafter refers to as fuse) is used in power distribution and distribution transformer with alternative current 50HZ, rated voltage 10 KV for overload and short circuit protection, and for opening and closing rated load current.

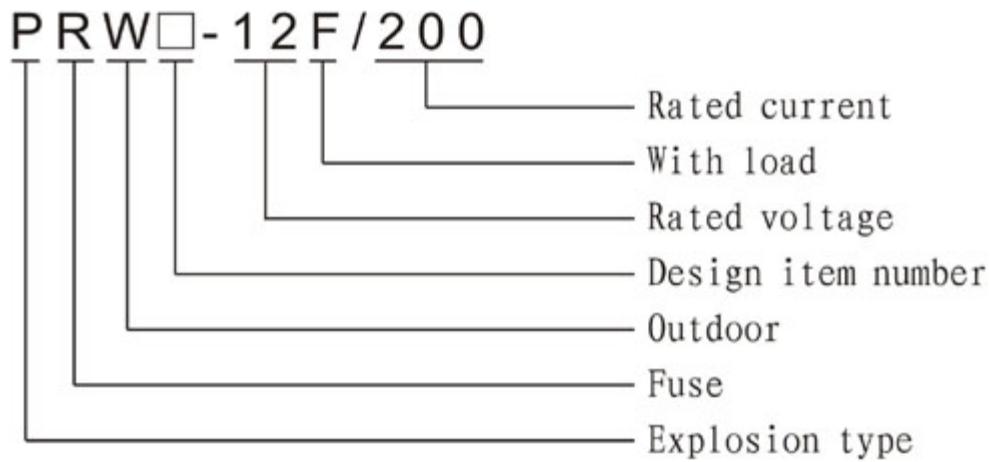
### 2.Features:

This kind of fuse can be divided into 3 parts: fuse base, load arc-extinguishing device and arc-extinguishing device.

While the fuse is in closing position, active and static contactors will be pressed tightly by a compressed spring to guarantee having an enough pressure between contractors. The rotary torsion spring equipped in the lower end of the arc-extinguished tube will be screwed tightly, once the fuse-element is put in the tube. Then the fuse will be in a state of drawing tightly to ensure the arc-extinguishing tube self-locked in a closing position. When overload and short-circuit occurs, the fuse-element will be melted and the fuse will be drawn out from the fuse tube by the torsion spring. Meanwhile, a great deal of arc-extinguishing gas is produced in the fuse tube by electric arc heat energy to extinguish electric arc quickly, in order to save the time of arcing and reduce the losses in arc-extinguishing material. After the extinguishments, the fuse tube will be dropped out by its own weight and the function of compressed spring with bridge contractors, and an obvious disconnected section will appear. The arc-extinguishing tube is designed in order to meet the requirements of breaking different current in the same fuse. That is, while breaking the small current, the gas produced will be released from the lower vent, while breaking the large current, the gas produced will be released from the upper cap, so that the gas will be released from the top and bottom at the same time.



3.Type designation:



4.Technical parameter:

Rated voltage (KV)	Rated current (A)	Rated breaking capacity (MVA)		Off/on loading current (times)	If silicone rubber equipped, the weight could be reduced by 2 kg
		Upper limit	Lower limit		
12	200	200	40	≥15	7.8

5.Notes for ordering:

Please indicate the following while ordering:

Product name and type, specifications, rated current of fuse, quantity, whether spare parts and accessories are necessary or not.