power your power

**Innovative Over-Pressure Disconnector** 

Worried about capacitor heating, damage or even explosion?

Series PH, up to 1000Kvar 6, 12, 24 and 36KV and more

**⇔** Special Over-Pressure Protection

**⇒** More Safety & Reliable

Power Factor Correction







Internal over-pressure protection terminal

Automatic release internal pressure
Option of automatic control



OP capacitor and capacitor bank





## Situation

Because of the widely use of electrical devices, which cause an over-heating environment for the capacitors while in operation, system's over-voltage or over-current, as well as harmonic waves overload. These problems will cause the capacitor's interior components over-pressure so that finally failure or malignant accidents such as bursting. It does not only influence the working efficiency and the regular production, but also increases the running cost and safety risk. Therefore, in order to protect the capacitors, we must release capacitor internal pressure automatically before the capacitors' interior components over-pressure and surpass its temperature or explosion resistance energy limit.

## **Features**

SPGLHd OP MV power capacitors have special interior over-pressure protection terminal can release the internal pressure automatically before the capacitor's interior components over-pressure and renew while internal pressure go to normal, the capacitor is safe operation and it's lifespan is extended. This will save operating costs in a long period and makes SPGLHd be a new, safety, reliable and long useful life style capacitor.

Option: SPGLHd OP MV power capacitors have special interior over-pressure protection terminal can be connected with system control for example automatic controller or directly cut off the fault capacitor, which can make the system tuning frequency protection unchanged and more safe, reliable in tuning capacitor system.

We make reactive power compensation and filtering device are safer, more reliable and have long service life



Siemens, ABB, VW, GE, LS, Panasonic, Toyota, APP, Alcatel-Lucent, Hyundai, Michelin, Komatsu. Posco, Sheraton, Carrefour, Pepsi ,Denso, NOK, Tesco, Baosteel, Citroen, Nissan, Peugeot, Sinoma, Peninsula Hotel, Olympic/EXPO engineering and more