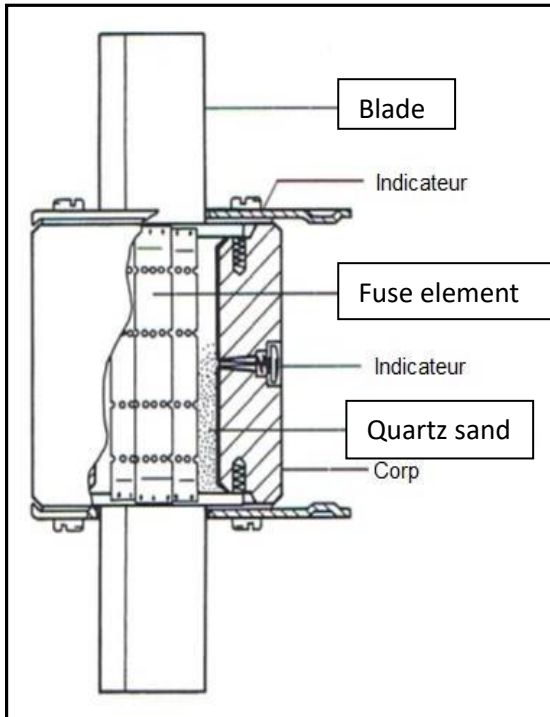


KNIFE FUSE NH00C

Technical specifications:



The NH00C range of fuses with gG size 00 fusing characteristics is available with current ratings from 50A to 1600A.

The nominal voltages of the cartridges are: 500V

gG cartridge fuses are ideal for protecting capacitor batteries against overloads and short circuits.

Construction Features:

NH fuses have a steatite body with high thermal and mechanical resistance and a large arc extinguishing chamber. The fuse elements are made of copper or silver plated copper and are soldered on the contact blades and installed in the fuse body with special gaskets and fixing plates.

Quartz sand is used to fill the whole system. NH cartridge fuses are equipped with a blown fuse indicator installed on the upper part of the fuse body which comes out of its housing after the fuse is blown. For some NH fuse series, this indicator can be used as a remote blown fuse indicator using the corresponding microswitch.

Capacité de coupure et températures de travail :

NH fuses are characterized by a high breaking capacity (up to 120 kA). The conditions and test characteristics of the circuit such as voltage, power factor, etc. are described in IEC 32-1 (harmonized with international standards IEC 60269-1). In order to maintain the high and constant breaking capacity from the minimum overload current to the maximum short circuit current, several different details must be taken into account when designing and manufacturing the fuse series.

For example, the selection of the fuse elements, their position in the fuse body, the resistance of soapstone to overpressure and temperature variations caused by short circuit, the chemical purity and grain size of quartz sand are all essential factors

NH fuses have been designed to operate properly at ambient temperatures ranging from -15°C to $+50^{\circ}\text{C}$.

When the ambient temperature exceeds $+50^{\circ}\text{C}$, it is common practice to reduce the current rating by 5% every 10°C .

Dimensions :

- ✓ Fuses size NH 00C:

