

# Product introduction

The RELIABLE series is a completely sealed system which all live parts and switches are enclosed in a stainless-steel tank. The entire switchgear is unaffected by external environmental conditions to ensure operational reliability and personal safety. A combination of various schemes can be realized to achieve full modularity by using expand the busbar, and the extended busbar is fully insulated and shielded to ensure high reliability and safety.

## Flexible combination:

The RELIABLE series can be configured with up to six modules in one gas tank, providing a combination of modules that meet the requirements for the distribution network. Reliable can be expanded with special busbar connection when the modules are more than 6.

## Compact structure:

The width of all the modules is 375mm, except for the PT and metering cabinet. The height of the connecting sleeves of all units to the ground is greater than 650mm

to •make it convenient for on-site cable installation.

## Unaffected by the environment:

All high-voltage live parts are in a stainless-steel tank, and the tank is filled with SF6 gas with 1.4 bar standard working pressure. Reliable can be installed in humid, sandy, dusty, salty, mine and any place where surface fouling flashes are easy due to air pollution. It is not necessary to take special precautions. It is not affected by the external environment, and it is maintenance-free.

## High reliability for personal safety:

The gas tank, cable cabinet and control cabinet of the ring network cabinet are both metal enclosed independent compartments. The structural design of each compartment meets normal usage conditions and can limit the impact of internal arc in the compartment. And it has reliable interlocking function to prevent mis operation.

## Intelligent:

Adopting advanced microcomputer protection device with protection, control, and detection functions. The secondary circuit adopts integrated control technology and supports data transmission function.

