

Two stage power distribution

HUM17LE-125

series leakage circuit breaker

8. Use and maintenance

- 8.1 The leakage circuit breaker can not protect the electric shock caused by contacting the two wires in the protected circuit at the same time.
- 8.2 The input end of the leakage circuit breaker is connected to the power supply, the output end is connected to the load, otherwise the tripping coil will be burned down.
- 8.3 The power supply should be connected to the load through a leakage circuit breaker, and no "extra corporal circulation" of any of them shall be allowed, otherwise the leakage circuit breaker will not be able to work with the load.
- 8.4 Before installation, it should be checked whether the technical parameters on the product brand are matched with the actual use, and the cross section of the wire which is matched with the product should be installed.
- 8.5 The contact position indication: the green representative contact is in the opening position; the red represents the contact is in the closing position.
- 8.6 It is strictly forbidden to directly measure the insulation resistance at the outgoing end of the product. The auxiliary power supply of the electronic circuit board should be disconnected to ensure that the voltage input and output of the electronic components are tested without voltage. Otherwise, the electronic components in the circuit board will be burned out.
- 8.7 After a certain period of installation or operation, the leakage circuit breaker should be operated under the closing and energizing state, press the test button and the leakage circuit breaker should act, so as to check whether the protection performance is normal and reliable. When it is abnormal, it should be stopped.
- 8.8 If the leakage circuit breaker is broken by the protection circuit (leakage, overload or short circuit), it is necessary to find out the cause, and the fault can be closed after the fault is relieved.
- 8.9 The characteristics of the overload, short circuit and leakage protection of the leakage circuit breaker have been checked and can not be adjusted freely in use.
- 8.10 The leakage circuit breaker shall not be subjected to rain or snow erosion in transportation, storage and use.

9. Ordering information

Please specify the model No., tripping type, rated current, rated residual operating current, pole number and quantity of leakage circuit breakers when ordering.

For example:

HUM17LE-125 leakage circuit breaker, rated current is 125A, tripping type is C type, rated residual operating current is 100mA, three poles plus indestructible neutral pole 100 pieces

So it is :HUM17LE-125/3N 125A, 100mA 100 pieces.

Two stage power distribution

HUH18-125

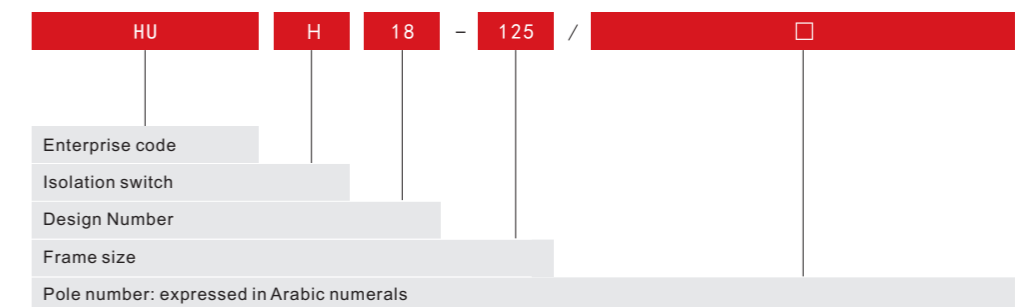
series isolation switch



1. Application range

HUH18-125 series isolation switch is a new product developed by our company, which is small in size, convenient in installation and beautiful in appearance. The products are mainly applicable to AC 50Hz, rated 230V / 400V, rated current to 125A for the isolation of the electrical lines, it can also be used to infrequently connect and disconnect the circuit.

2. Model and meaning



3. Normal working condition

- 3.1 Ambient temperature: -5°C ~+40 °C. The average temperature in 24 hours does not exceed +35 °C.
- 3.2 The altitude of the installation is not more than 2000m.
- 3.2 The relative atmospheric humidity at the installation site does not exceed 50% at a maximum ambient temperature of 40°C, a higher relative humidity is allowed at a lower temperature and an average monthly maximum relative humidity is not more than 90%, while the average monthly temperature does not exceeds 25°C, and the condensation on the surface of the product caused by the temperature change should take measures.
- 3.4 Class of pollution: class 2.
- 3.5 Installation category: III.
- 3.6 The circuit breaker is installed with TH35-7.5 standard rail.
- 3.7 The breaker should be installed vertically, and the handle is turned upward to connect the current position.
- 3.8 There should be no obvious impact and vibration at the installation site.

4. Structure characteristics

The isolation switch has a novel design, manual operation and direct moving double breakpoints, which improves the isolation distance and has a distinct contact state indication. The connection terminal adopts the lifting frame structure, the connecting wire is 50mm², and it has two kinds of wiring functions. It is installed with 35mm standard guide rail. It is easy to install, has lock function, prevents misoperation of closing or opening, and the diameter of lock hole is 5.5mm.

Two stage power distribution

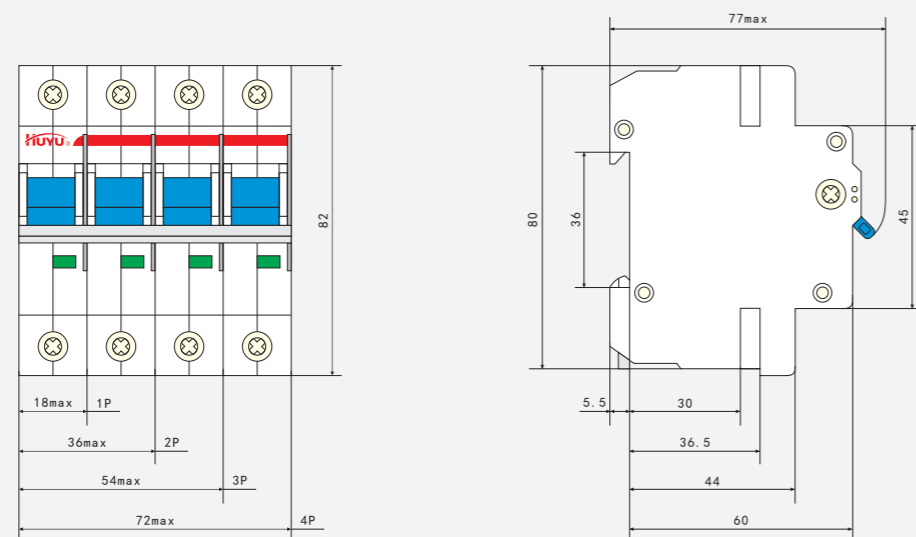
HUH18-125

series isolation switch

5.Main technical parameters

Frame size	125
Rated voltage	50Hz、230V/400V
Rated operating current(A)	32、40、50、63、80、100、125
Number of poles	1P、2P、3P、4P
Rated short-time withstand current <i>I_w</i>	1.5kA, $t=1s$
Rated short-time making capacity(<i>I_{cm}</i>) (kA)	2.84
Rated impulse withstand voltage(kV)	6
Life	The operating cycles is 10,000 times, of which 3000 times of loads; the operating frequency is 120 times/h
Using category	AC-22A
Degree of protection	IP20

6.Outline and mounting dimensions



7.Ordering information

Please specify the model No., rated current, pole number and quantity and so on when ordering. If you need to install the lock, please specify.
For example: HUH18-125 isolation switch, rated current is 40A, three poles with locking plate, 100 pieces, so it is HUH18-125 340A 100 pieces with locking plate.

Two stage power distribution

HUH17-100、125

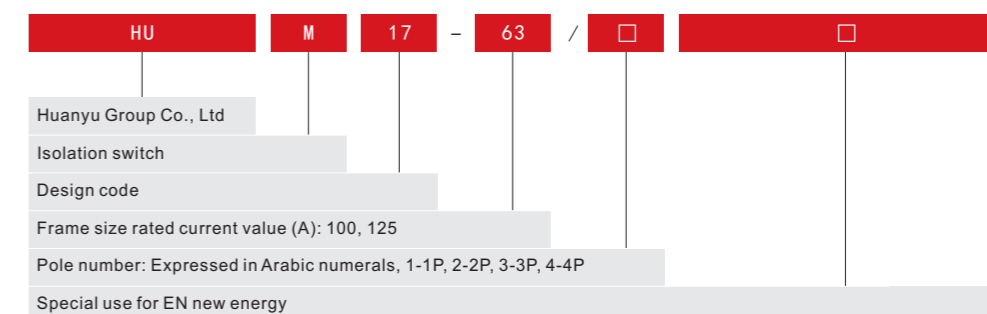
series isolation switch



1. Application range

HUH17 series isolation switch is mainly applicable to AC 50Hz, rated voltage to 400V, rated current to 125A distribution line as the main switch terminal combination electric appliance for isolation purposes, it can also be used to do not frequently switch on and off circuit, widely used in industrial and mining enterprises, high-rise buildings, commercial and family etc.

2.Model and meaning



Note: The new energy-specific products (EN), ambient air temperature range: -40°C~70°C.

3.Normal working condition

- Ambient temperature: -5°C ~+40 °C. The average temperature in 24 hours does not exceed +35 °C .
- The altitude of the installation is not more than 2000m.
- The relative atmospheric humidity at the installation site does not exceed 50% at a maximum ambient temperature of 40°C, a higher relative humidity is allowed at a lower temperature and an average monthly maximum relative humidity is not more than 90%, while the average monthly temperature does not exceeds 25°C, and the condensation on the surface of the product caused by the temperature change should take measures.
- Class of pollution: class 2.
- Installation category: II, III.
- The circuit breaker is installed with TH35-7.5 standard rail.
- The breaker should be installed vertically, and the handle is turned upward to connect the current position.
- There should be no obvious impact and vibration at the installation site.
- Rated working system: uninterrupted work system.

4.Structure characteristics

The product is operated manually, and the contact system adopts a direct moving double breakpoint structure, which improves the isolation distance and greatly improves the reliability of the product.