

LM1 Series Moulded Case Circuit Breaker

According to user`s demands, accessories could lead to direct wire out coming or line wiring terminals could be added(please mark out in case of making order).

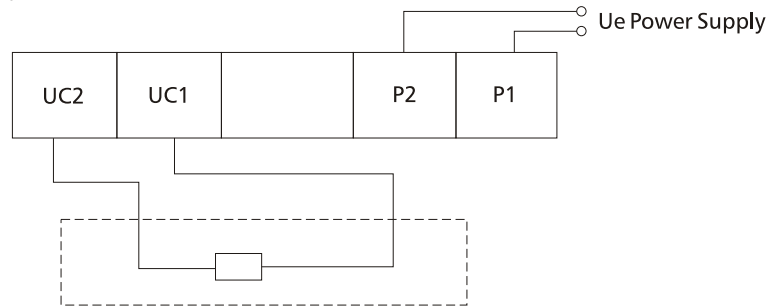


Under-voltage release

Under-voltage release

Wiring diagram of the under-voltage module connected externally(the internal accessories in the dotted frame)

Ue: AC50Hz 230V, 400V

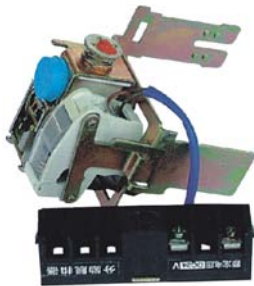


When the operation voltage is 35%-70% of the rated voltage, the under-voltage release should make the breaker trip correctly.

When the operation voltage is 85%-110% of the rated voltage, the under-voltage release should make the breaker close.

In case of the operation voltage less than 35% of the rated voltage, the under-voltage should prevent the breaker from closing.

Note: Only the under-voltage release should be energized in advanced, the breaker could be cramped and turned-on, otherwise the breaker will be damaged.



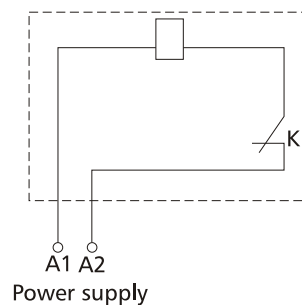
Shunt release

Shunt release

Scheme of wiring(the internal accessories in the dotted frame)

"K" is the slow motion switch normal-close contact connect the coil in series in the shunt release.

It turns-on or turns-off voluntarily as soon as the breaker on or off.



Voltage rating: AC50Hz 230V or 400V, DC110V 220V

The shunt release should make the breaker trip reliably when the operation voltage is 70%-110% of the rated control voltage.

Alarm contact



Alarm contact

The position of the breaker in "off" or "on"	
The position of the breaker in "free trip"(alarm)	B11 and B12 switch from "close" to "open", status of B11 and B14 switch from "open" to "close"