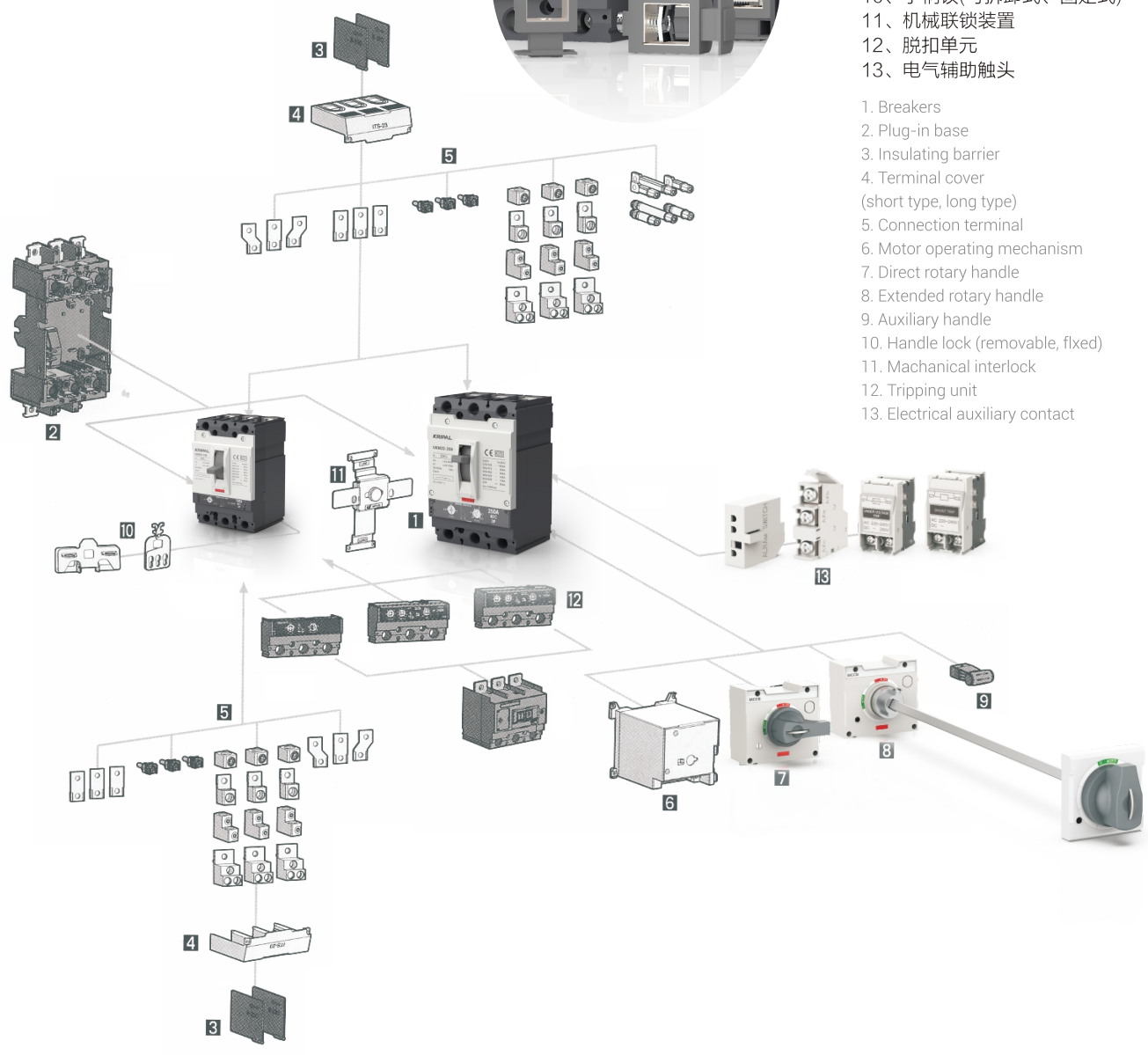
UKM32 Series Moulded Case Circuit Breaker
系列塑料外壳式断路器





1、断路器
2、插入式底座
3、绝缘隔板
4、端子盖(短型、长型)
5、连接端子
6、电动机操作机构
7、直接旋转手柄
8、延长旋转手柄
9、辅助手柄
10、手柄锁(可拆卸式、固定式)
11、机械联锁装置
12、脱扣单元
13、电气辅助触头

1. Breakers
2. Plug-in base
3. Insulating barrier
4. Terminal cover
(short type, long type)
5. Connection terminal
6. Motor operating mechanism
7. Direct rotary handle
8. Extended rotary handle
9. Auxiliary handle
10. Handle lock (removable, fixed)
11. Machanical interlock
12. Tripping unit
13. Electrical auxiliary contact

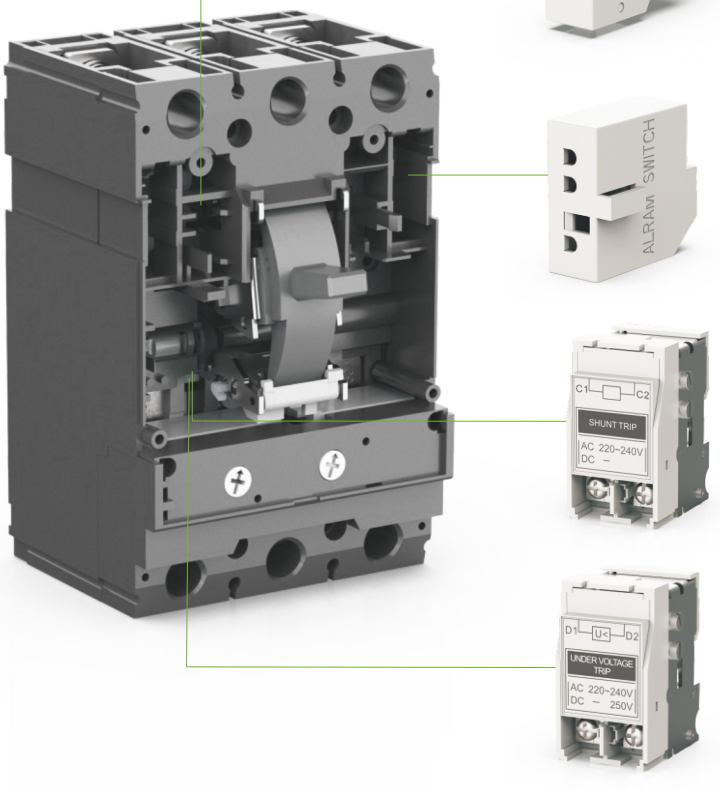
Advanced Magnetic Field Analysis
先进的电磁场分析

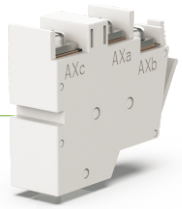
断路器触头系统内的电磁场的分布对其性能有着直接的影响，但是，电磁场不具备直观性。
UKM32在设计时采用了全面的仿真技术与试验结合的方法，保证了电磁场的合理分布，赋予断路器优异的性能。

For a circuit breaker, the distrbution of the magnetic field in its contact system has a direct impact on its performance, but the magnetic field is not visible.
The UKM32 is designed by combining the overall simulationtechnique with several tests, which enables a rational a circuit breaker with excellent performance capabilities.

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Internal Accessories
内部附件





辅助触头(AX)
Auxiliary contact(AX)

功 能
Function

断路器状态(如分、合闸)指出输出
Indication for the state of a circuitbreaker (e.g opening, closing)

类 型
Type

一常开一常闭 One NO. one NC
二常开二常闭 Two NO. twoNCs

报警触头(AL)
Alarm contact(AL)

功 能
Function

针对断路器脱扣动作发出报警信号
To send an alarm signal when the circuit breaker is released

类 型
Type

一常开一常闭
One NO. one NC

分励脱扣器(SHT)
Shunt release(SHT)

功 能
Function

远程控制断路器脱扣
To control releasing of a circuit breaker remotely

电源类型
Type of power supply

AC400V DC220V
AC230V DC110V
AC110V DC48V
AC48V DC24V

欠压脱扣器(UVT)
Under-voltage release(UVT)

功 能
Function

欠电压保护
Under-voltage protection

电源类型
Type of power supply

AC400V
AC230V

External Accessories
外部附件

旋转操作手柄

直接式或加长式的室门上有旋柄操作机构。
一般配有室门锁，如果客户要求，也提供钥匙锁在断开位置。

Rotary handles

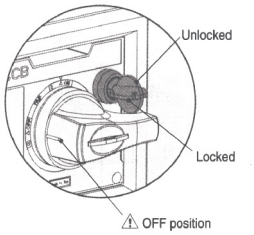
The rotary handle operating mechanism is available in either the direct version or in the exteded version on the compartment door.
It is always fitted with a compartment door lock and on a request it can be supplied with a key lock in the open position.



Degree of protections
防护等级

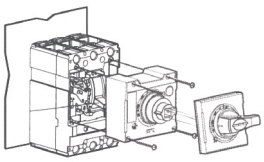
类 型 Type	防护等级 Degree of protection	等级 Protection
带面框和直接式旋转操作手柄的断路器 Circuit breaker with cover frame and rotary direct handle	1.0mm 直径的接入探针应不能穿透。 The access probe of 1.0mm diameter shall not penetrate	IP40
带面框和加长旋转操作手柄的断路器 Circuit breaker with cover frame and rotary extended handle	完全防尘、防任何角度的喷射水。 Totally protected against ingress of dust and water jets from any direction	IP65

UKM32 Series Moulded Case Circuit Breaker
系列塑料外壳式断路器



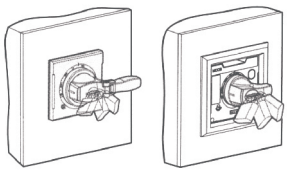
塑壳断路器 MCCB	旋转操作手柄 Rotary handle
UKM32–160	DH1
UKM32–250	DH2
UKM32–630	DH3

Direct rotary handles with a key lock
直接式带钥匙锁旋转操作手柄



塑壳断路器 MCCB	旋转操作手柄 Rotary handle	锁功能 Lock function
UKM32–160	DHK1	锁在ON或OFF位置 Lock in On or off position
UKM32–250	DHK2	
UKM32–630	DHK3	

Extended rotary handles
加长旋转操作手柄



塑壳断路器 MCCB	可挂锁装置 Padlockable device
UKM32–160	EH1
UKM32–250	EH2
UKM32–630	EH3

可用挂锁将断路器锁在ON或OFF位置
Padloc UKM32-can be used to lock the breaker in the ON or OFF position

Type and Meaning
型号规格及其含义

壳架等级额定电流代号：160、250、630
Rated frame current code

额定电流：16A–160A，40A–250A，300–630A
Rated current

UKM | 32 | 160 | M | 160 | 3P

- UKM：科瑞普塑料外壳式断路器 KRIPAL UKM30 series DC Moulded Case Circuit Breaker
- 32：设计序号 Design No.
- 160：功能代号 Function code
- M：空缺 Function code；M 一般配电保护 Function code；NA 电机保护 Function code；隔离开关 Function code
- 160：额定电流：16A–160A，40A–250A，300–630A Rated current
- 3P：极数：2，3，4 Pole