



# 内部附件接线说明

## INTERNAL ACCESSORIES WIRING SPECIFICATION

### CM3 (E、L、Z、ZL、DC、D、G) 系列欠压、分励、辅助、报警

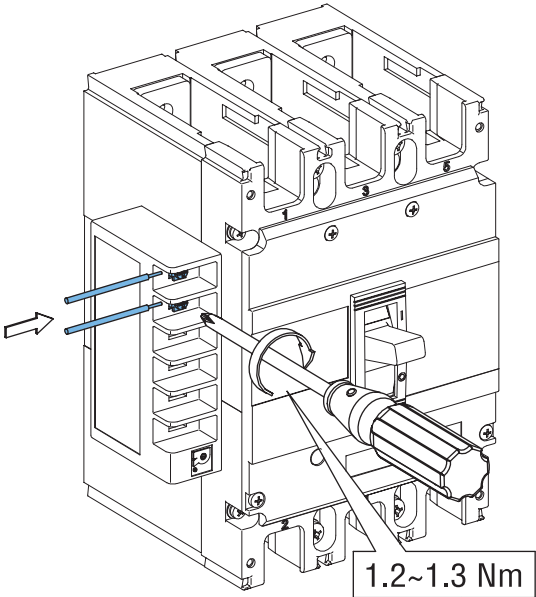
CM3(E, L, Z, ZL, DC, D, G) series under voltage releas, shunt release, auxiliary switch, alarm switch

#### ⚠ 重要注意事项 Important cautions

1. 必须由合格的电工进行接线。我们不承担任何因未遵循本文档中的指南而导致的责任。
  2. 请选用合适的工具进行接线操作。工具请自备。
  3. 操作全程请务必保持接线电源处于断开状态，以确保安全。
- 1.This device must be installed by qualified electrician. We will not accept any responsibility for failure to follow the guidelines in this document.  
2.Please select suitable tools for installation. The installation tools should be prepared by yourself.  
3.Please must make wiring supply disconnection status ensure safety when all operation.

#### (1) 欠压脱扣器 (FQT1)

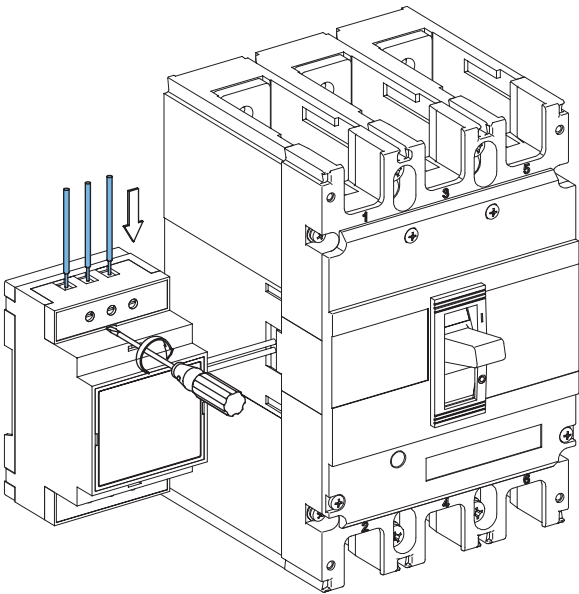
Under voltage release(FQT1)



#### 欠压脱扣器 (C、D、E、F、G、H型)

Under voltage release (C, D, E, F, G, H type)

欠压模块外挂于左侧，按欠电压模块标牌的编号对应的端子接线。  
按欠压模块标牌的电压接对应的电源。  
欠压标示编号：P1，P2。  
导线剥线长度10~15mm。  
Under voltage module is externally hanged on the left side, connecting wires according numbers that under voltage module marked.  
Connecting supply according voltage that under voltage module marked.  
The numbers under voltage module marked: P1, P2.  
Stripped length 10-15mm.



#### 欠压脱扣器 (B型)

Under voltage release (B type)

欠压模块柜内35mm标准导轨安装，按欠电压模块标牌的编号对应的端子接线。接AC400V三相电源。  
欠压标示编号：U，V，W。  
导线剥线长度10~15mm。  
Under voltage module is installed on 35mm standard rail in cabinet, connecting wires according numbers that under voltage module marked.  
Connecting AC400V 3-phase supply.  
The numbers under voltage module marked: U, V, W.  
Stripped length 10-15mm.

#### 注意 Cautions

接错电压规格会导致欠电压脱扣器不动作或损坏！  
If connecting voltage value wrong, under voltage release may be not operation or damage!

#### (2) 分励脱扣器 (FFT1)

Shunt release(FFT1)

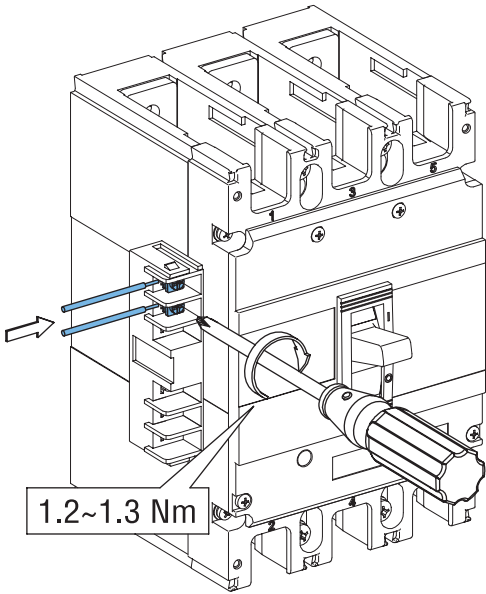
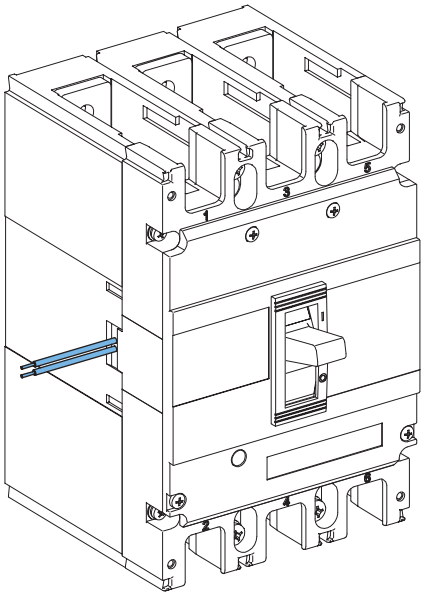
#### 注意 Cautions

接错电压规格会导致分励脱扣器不动作或损坏！  
若控制电源为交流单相电源，请将“C1”接零线。  
若控制电源为直流电源，不必区分正负极。  
If connecting voltage value wrong, shunt release may be not operation or damage!  
Please connecting “C1” to N, if control supply is AC single phase supply.  
Do not distinguish positive and negative poles, if control supply is DC supply.

#### 标配引出线

assembled lead wires

根据引出的导线编号接线，引出线方向左侧或右侧。  
分励引出线编号：C1，C2。  
按C1端标示的控制电压接对应的控制电源。  
Connecting wires according leading wires numbers, the leading wires direction is left side or right side.  
Shunt release leading wire numbers: C1, C2.  
Control voltage is connected to control supply according C1 marked.



#### 选配接线端子排

optionally assembled terminals

接线端子模块外挂于左侧或右侧，按接线端子模块标牌的编号对应的端子接线。  
按接线端子模块标牌的电压接对应的控制电源。  
分励标示编号：C1，C2。  
导线剥线长度10~15mm。  
Wiring terminals module is externally hanged on the left side or right side, connecting wires according numbers that wiring terminals module marked.  
Connecting control supply according voltage that wiring terminals module marked.  
The numbers shunt release marked: C1, C2.  
Stripped length 10-15mm.

#### DC24V分励脱扣器，电源功率和铜导线长度要求

DC24V shunt release, supply power and copper wires length demands

Us (DC24V)	最小输入功率 Min. input power	最大铜导线长度 Max. copper wire length	
		1. 5mm <sup>2</sup>	2. 5mm <sup>2</sup>
100%Us	50W	150m	250m
85%Us	50W	100m	160m

说明：铜导线最大长度为每根导线长度；电源功率指分励脱扣器端。  
Description: the copper wire maximum length is each one wire length;  
the supply power is at shunt release terminals.

(3) 辅助开关 (FFC1)，报警开关 (FBC1)，辅报开关 (FFB1)

Auxiliary switch(FFC1), alarm switch(FBC1), auxiliary switch+alarm switch(FFB1)

开关标配引出线

assembled lead wires

根据引出的导线编号接线，引出线方向左侧或右侧。

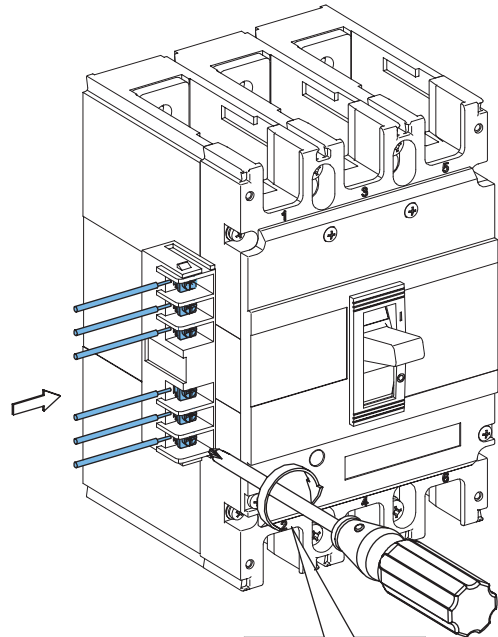
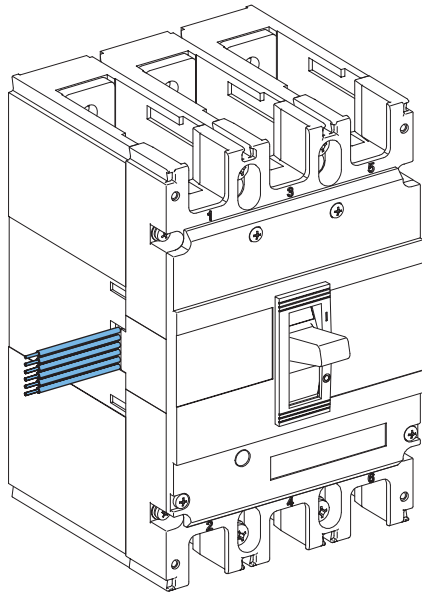
辅助开关引出线编号：F11，F12，F14。

报警开关引出线编号：B11，B12，B14。

Connecting wires according leading wires numbers, the leading wires direction is left side or right side.

Auxiliary switch leading wires numbers :F11, F12, F14.

Alarm switch leading wires numbers :B11, B12, B14.



选配接线端子排

optionally assembled terminals

接线端子模块外挂于左侧或右侧，按接线端子模块标牌标示的编号对应的端子接线。

辅助开关标示编号：F11，F12，F14。

报警开关标示编号：B11，B12，B14。

导线剥线长度10-15mm。

Wiring terminals module is externally hanged on the left side or right side, connecting wires according numbers that wiring terminals module marked.

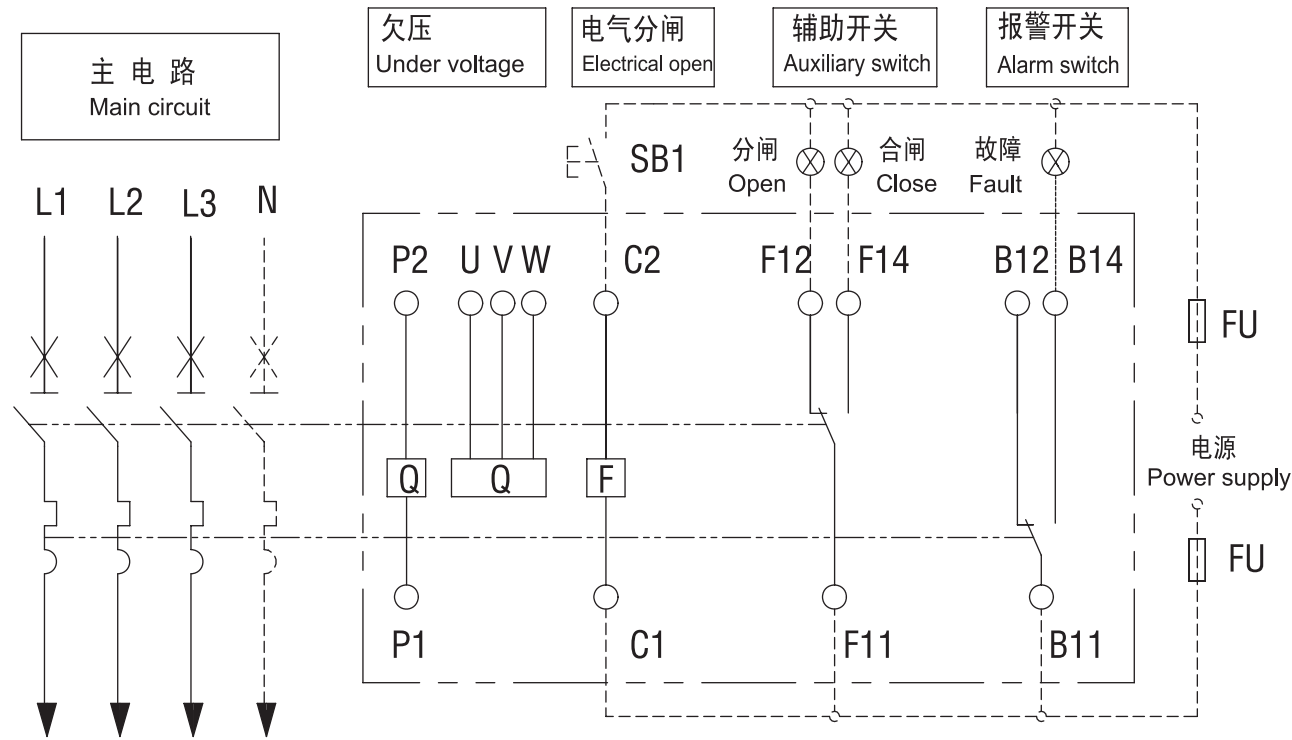
The numbers auxiliary switch marked: F11, F12, F14.

The numbers alarm switch marked: B11, B12, B14.

Stripped length 10-15mm.

(4) 二次接线示意图

Wiring diagram of the secondary circuit



注：虚线部分由用户自接，若欠压脱扣器、分励脱扣器等额定电压不同，应分别接不同电源。  
下表中，○为选择附件的功能接线。

Wiring in the dashed line is done by users themselves. Power supply is different for different rated voltage of Q, F etc.  
In the following table, O: optional configuration

端子号 Terminal	功能 Function	功能接线	FU	熔断器 Fuse
P1、P2	欠压脱扣器 (C、D、E、F、G、H型) Under voltage release (C, D, E, F, G, H type)	○	SB1	分励按钮 Shunt button
U、V、W	欠压脱扣器 (B型) Under voltage release (B type)	○	Q	欠电压脱扣器 Under voltage release
C1、C2	分励脱扣器 Shunt release	○	F	分励脱扣器 Shunt release
F11、F12、F14	辅助开关 Auxiliary switch	○		
B11、B12、B14	报警开关 Alarm switch	○		

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