

直流隔离开关  
UKP(DC) ISOLATING SWITCH



UKGD 250F11K

|     |                                                                                                     |                                                                                                                                                                                                   |
|-----|-----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| UK  | 企业代号<br>Enterprise code                                                                             | - 适用于配电箱/动力箱<br>- 可视触头技术提供高级别的安全保证。<br>- 可带负荷操作，满足隔离要求，保证人身安全                                                                                                                                     |
| GD  | 隔离开关型号<br>Isolating switch type<br>GD：直流 DC                                                         | - Suitable for distribution box/power box<br>- Visual contact technology provides high-level safety assurance<br>- Can operate with load, meet isolation requirements, and ensure personal safety |
|     | 额定电流等级<br>Rated Current Degree<br>250、250G、325G、400、630、800、1000                                    |                                                                                                                                                                                                   |
| F   | 操作方式<br>Operating mode<br>F：正面操作<br>S：侧面操作（只适用于160-630A）<br>J：机械联锁组合开关                              | F：Front operation<br>S：Side operation（applicable only to 160-630A）<br>J：Mechanical interlock combination switch                                                                                   |
| 11  | 操作机构位置<br>Position of operating mechanism<br>11：2极（机械机构在开关极间，不适用于侧面操作）<br>22：4极（机械机构在开关极间，不适用于侧面操作） | 11：2 poles（mechanical mechanism between switch poles, not suitable for side operation）<br>22：4 poles（mechanical mechanism between switch poles, not suitable for side operation）                  |
| P/K | 手柄<br>Handle<br>P：带门上安装手柄和轴<br>K：带直接安装手柄                                                            | P：Install handle and shaft on the door<br>K：Equipped with a direct installation handle                                                                                                            |

直流隔离开关  
UKP(DC) ISOLATING SWITCH



开关型号  
Type

额定工作电流  
Rated operating current

额定绝缘电压  $U_i$   
Rated insulation voltage

额定冲击耐受电压  
Rated impulse withstand voltage

额定发热电流  $I_{th}$   
Rated air heating current

电缆或母线横截面  
Cable or Busbar Cross-Section

额定工作电流  $I_e$   
极间串联  
Rated Operating Current  
Interpole Series Connection

额定短时耐受电流, 1500V, 0.1S  
Rated short-time withstand current

额定短路接通能力, 1500V  
Rated Short-Circuit Making Capacity

端子螺钉规格  
Terminal screw specifications

端子拧紧力矩  
Terminal tightening torque

机械寿命  
Mechanical Life

工作海拔（无需降容）  
Operating Altitude (without derating)

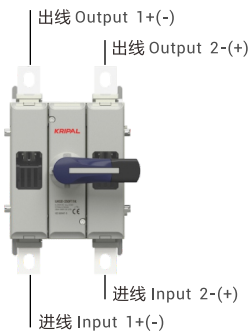
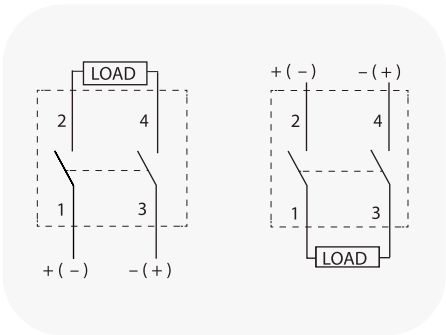
|                                                                 |       |                                 | UKGD-400 |     | UKGD-630 |     | UKGD-800 <sup>1)</sup> |     | UKGD-1000 <sup>1)</sup> |
|-----------------------------------------------------------------|-------|---------------------------------|----------|-----|----------|-----|------------------------|-----|-------------------------|
| A                                                               |       |                                 | 315      | 400 | 500      | 630 | 700                    | 800 | 1000                    |
| 污染等级2<br>Pollution degree 2                                     |       |                                 | 1500     |     | 1500     |     | 1500                   |     | 1500                    |
| kV                                                              |       |                                 | 12       |     | 12       |     | 12                     |     | 12                      |
| 自由空气，常规情况 <sup>1)</sup><br>Free air, under normal circumstances |       |                                 | 315      | 400 | 500      | 630 | 700                    | 800 | 1000                    |
| 铜 Cu mm <sup>2</sup>                                            |       |                                 | 185      | 240 | 2x240    |     | 2x240                  |     | 4x150                   |
| DC-21B<br>DC-PV1                                                | 1000V | 1条回路 1Circuit<br>2P(1P+, 1P-) A | 315      | 400 | 500      | 630 | 700                    | 800 | 1000                    |
|                                                                 |       | 2条回路 2Circuit<br>4P(2P+, 2P-) A | 315      | 400 | 500      | 630 |                        |     |                         |
|                                                                 | 1500V | 1条回路 1Circuit<br>2P(1P+, 1P-) A | 315      | 400 | 500      | 630 | 700                    | 800 | 1000                    |
|                                                                 |       | 2条回路 2Circuit<br>4P(2P+, 2P-) A | 315      | 400 | 500      | 630 |                        |     |                         |
| DC-PV2                                                          | 1000V | 1条回路 1Circuit<br>2P(1P+, 1P-) A | 315      | 400 | 500      | 630 | 700                    | 800 |                         |
|                                                                 |       | 2条回路 2Circuit<br>4P(2P+, 2P-) A | 315      | 400 | 500      | 630 |                        |     |                         |
|                                                                 | 1500V | 1条回路 1Circuit<br>2P(1P+, 1P-) A | 315      | 400 | 500      | 630 | 700                    | 800 |                         |
|                                                                 |       | 2条回路 2Circuit<br>4P(1P+, 2P-) A | 315      | 400 | 500      | 630 |                        |     |                         |
| R.M.S. 值 I <sub>cw</sub> kA                                     |       |                                 | 10       |     |          |     |                        |     |                         |
| 峰值 I <sub>cm</sub> kA                                           |       |                                 | 10       |     |          |     |                        |     |                         |
| 直径 X 长度<br>Diameter X length mm                                 |       |                                 | M10x30   |     |          |     |                        |     |                         |
| 锁紧力矩<br>Locking torque Nm                                       |       |                                 | 30-44    |     |          |     |                        |     |                         |
| 操作次数<br>Number of Operations -                                  |       |                                 | 10000    |     |          |     |                        |     |                         |
| m                                                               |       |                                 | ≤2000    |     |          |     |                        |     |                         |

1) 将“22”型号的左右两侧极进行并联，作为“11”型号使用  
22: 4极（操作机构在开关极间） 11: 2极（操作机构在开关极间）

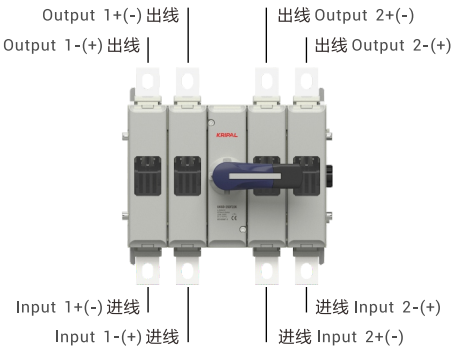
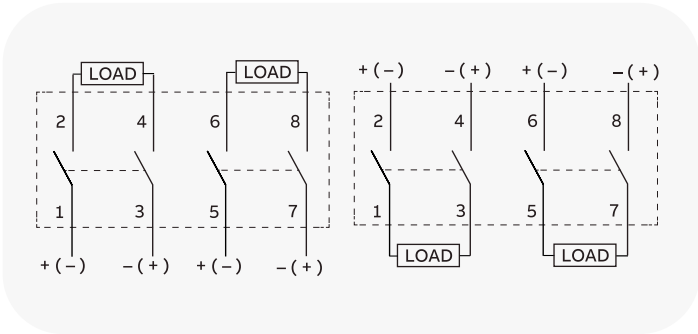
直流隔离开关  
UKP(DC) ISOLATING SWITCH

电气接线图  
Electrical Wiring Diagram 250A 400A 630A

单回路  
1 Circuit



双回路  
2 Circuit



三回路  
3 Circuit

