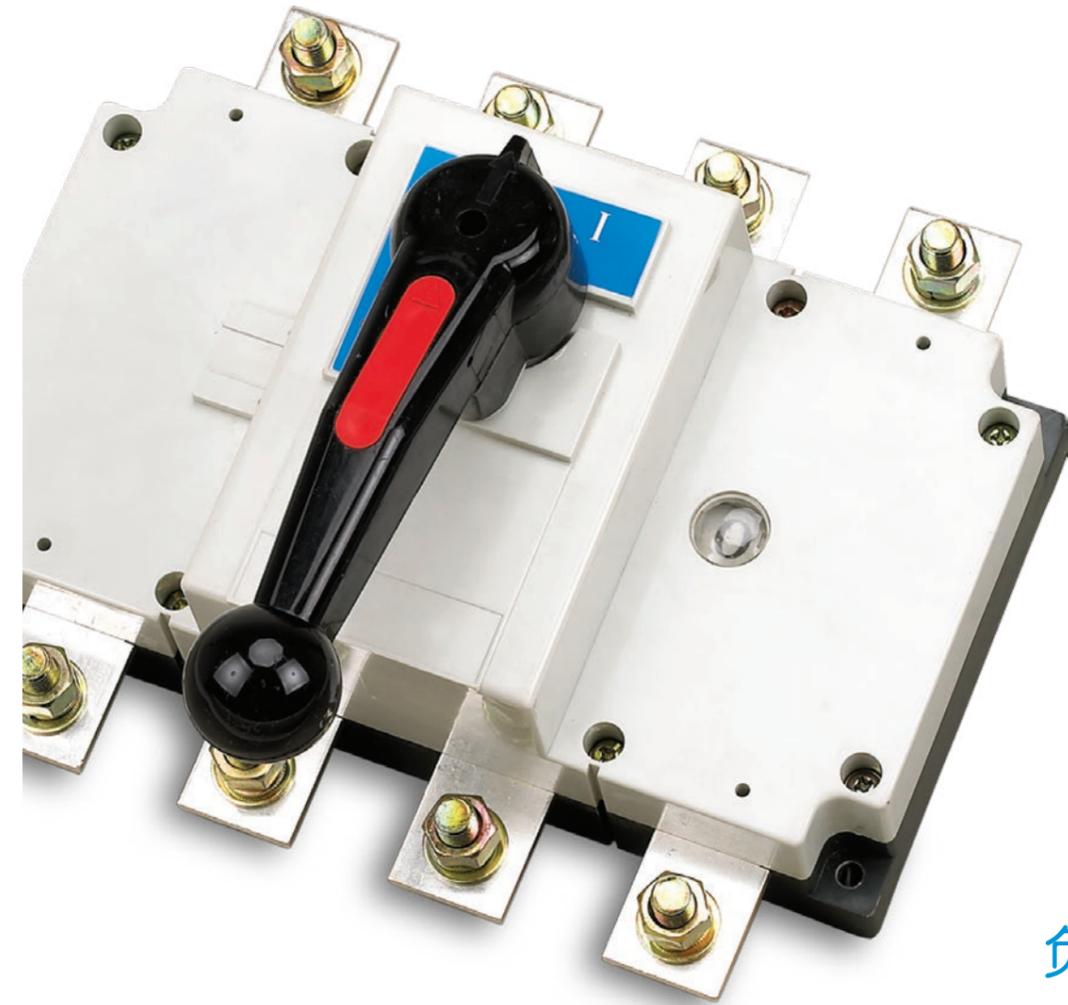


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EXD
负荷隔离开关



亨斯迈(杭州)电力技术有限公司
Hertzman(Hangzhou)Power Technology Co.,Ltd.

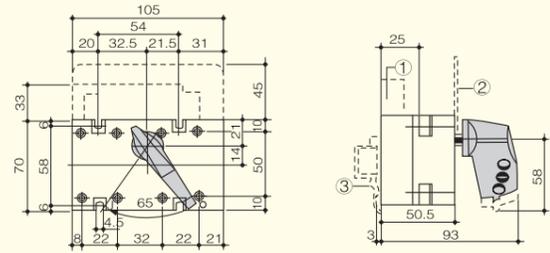
地址: 杭州市滨江区江陵路88号
电话: 0571-8791 1396
传真: 0571-8826 1796
邮编: 310051
官网: www.hertzmanpower.com

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EXD
负荷隔离开关

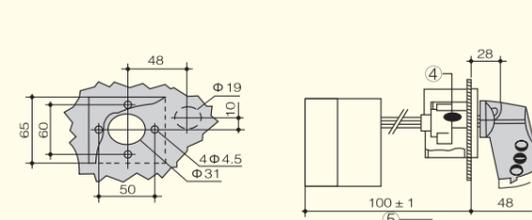
EXD-40~63A

◆正面直接操作 Front direct operation



- 1.常开/常闭预断开辅助触点 1. NO/NC pre-breaking auxiliary contact
- 2.端子护屏 2. Terminal barrier
- 3.DIN轨道固定用的夹子 3. Clamp for fixing DIN rail

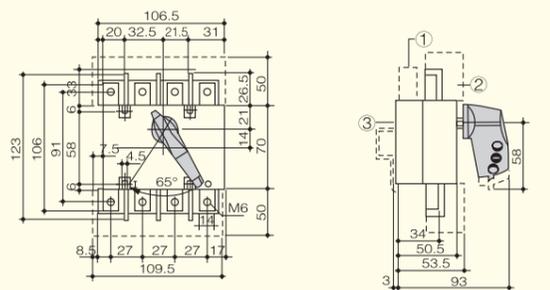
◆正面柜外操作 Front operation outside the cabinet



- 4.手柄锁具滑动锁舌宽30mm 4. The width of sliding dead bolt of handle lock is 30mm.
- 5.带加长连轴的最小长度: 125 ± 1 5. The min length of extension shaft is 125 ± 1

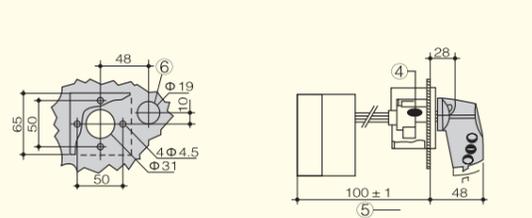
EXD-80~100A

◆正面直接操作 Front direct operation



- 1.预断开辅助触点 1. Pre-breaking auxiliary contact
- 2.端子护屏 2. Terminal barrier
- 3.DIN轨道固定用的夹子 3. Clamp for fixing DIN rail

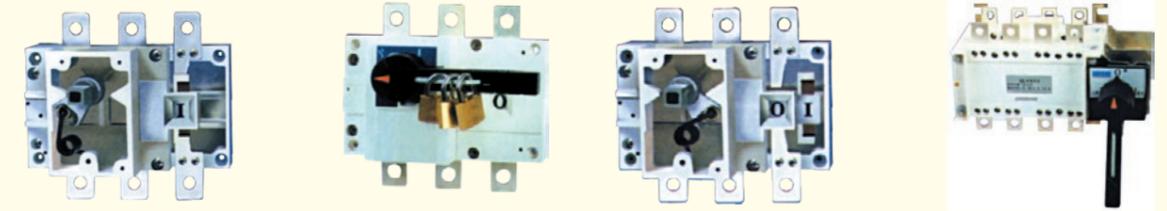
◆正面柜外操作 Front operation outside the cabinet



- 4.手柄锁具滑动锁舌宽30mm 4. The width of sliding dead bolt of handle lock is 30mm.
- 5.带加长连轴的最小长度: 125 ± 1 5. The min length of extension shaft is 125 ± 1
- 6.手柄锁具开孔 6. Hole of handle lock



EXD
负荷隔离开关



使用环境 Service environment

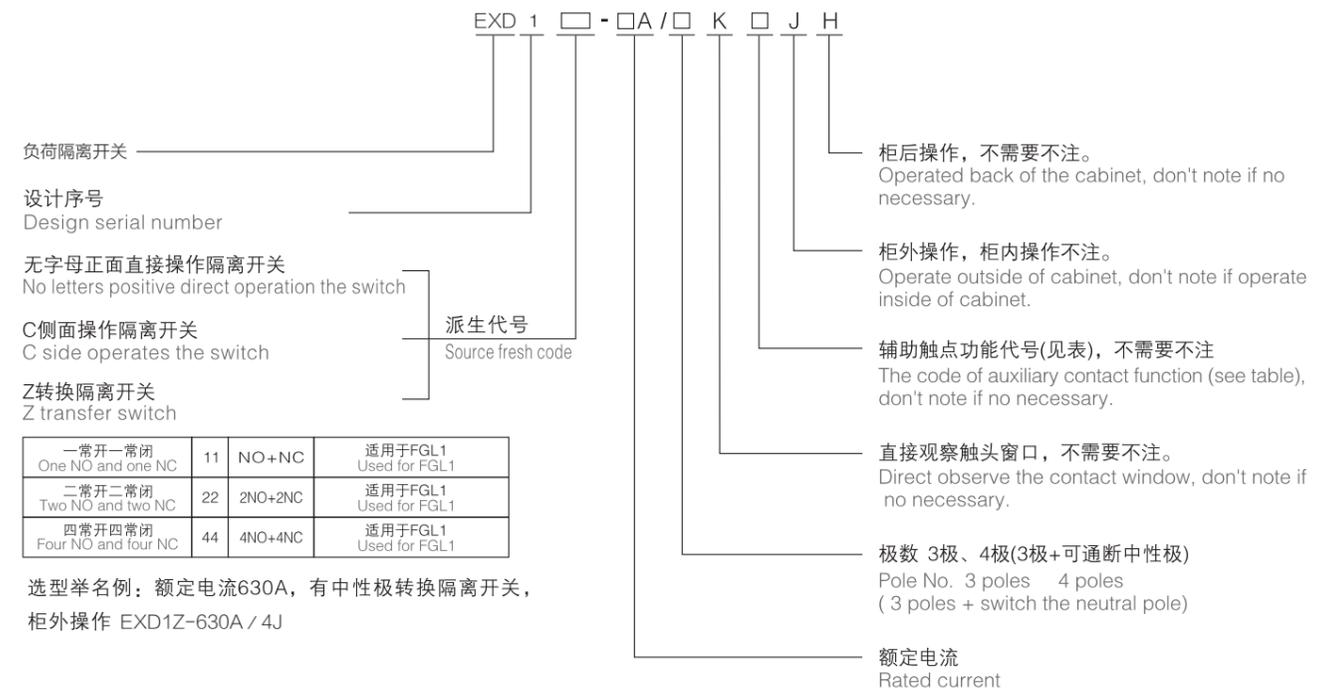
- 1. EXD 隔离开关在下列条件下能可靠工作 1. EXD switch can operate under the following conditions
- 2. 海拔高度不超过2000米; 2. Altitude not more than 2000m;
- 3. 环境温度不高于40℃, 不低于-5℃; 3. The range of ambient temperature is from 5℃ to 40℃;
- 4. 相对湿度不大于95%; 4. Relative humidity not more than 95%;
- 5. 无爆炸危险介质环境; 5. The environment without any explosive medium.
- 6. 无雨雪侵袭环境; 6. The environment without any rain or snow attacking.

注: 若预期使用于周围空气温度高于+40℃或低于-5℃~-45℃的条件下, 用户应向制造厂说明

Note: If the product is expected to be used in the environment where temperature is over +40℃ or below -5℃ ~ -45℃, users shall tell it to the manufacturer.

用途 Application

- ◆交流50赫兹, 额定电压至660V, 直流额定电压至440V, 额定电流至1600A。用于不频繁接通与分断电路。
- ◆AC 50Hz, rated voltage 660V, DC rated voltage 440V, rated current 1600A. It is used for making and breaking circuit infrequently.



EXD
负荷隔离开关

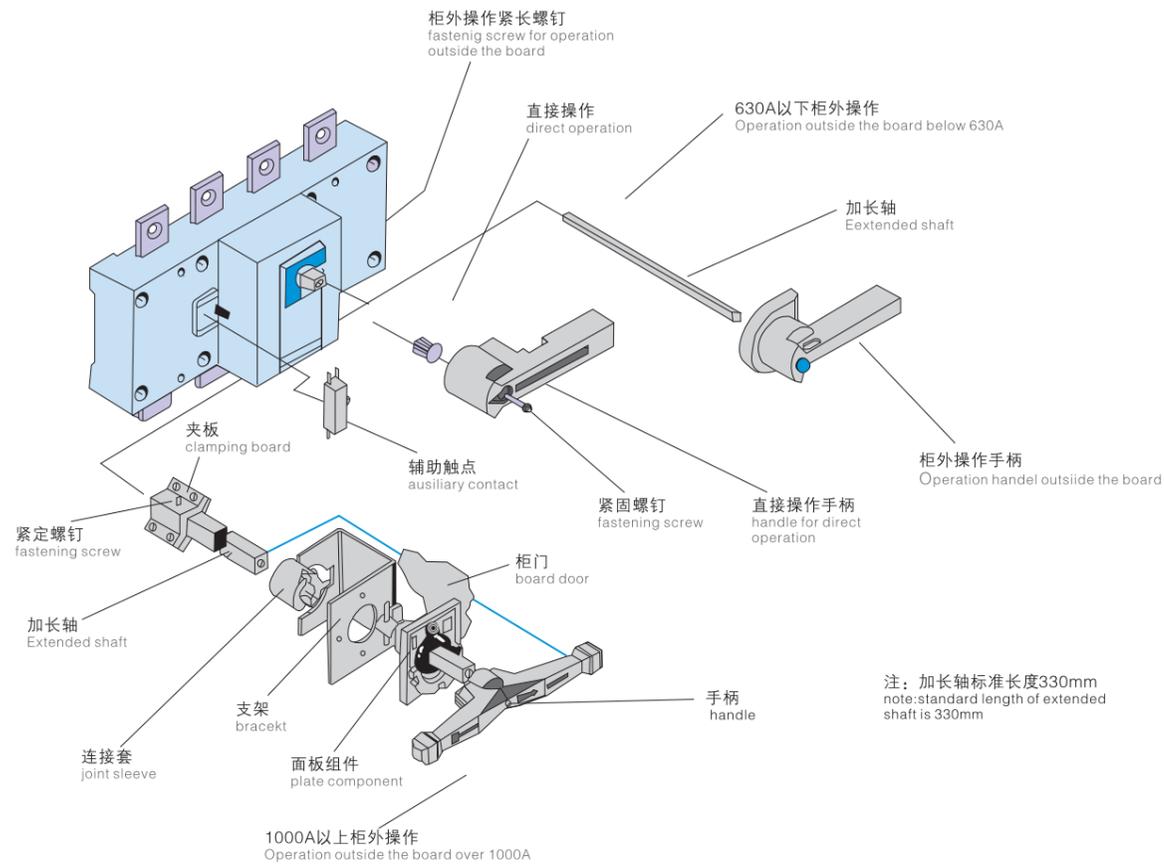
EXD负荷-隔离开关 从125-630A是模块化设计基础型, 具有三极, 四极(三极+可通断中性极), 适用于电路和接通与分断或电气隔离。

正面设有标记窗口指示触头通断状态。

根据需要可提供后面观察窗口, 直接观察触头通断状态, 窗口样式见EXD1-125~630A/H 柜后操作隔离开关。

操作方式 Operation mode

1. 直接操作: 手柄直接安装在开关中间。
2. 柜外操作: 手柄安装在配电柜柜门外。
3. 可配装两组辅助触点。



EXD
负荷隔离开关

| | | | | | | | | |
|--|--------------------------|----------|----------|----------|----------|----------|----------|----------|
| 约定发热电流I _{th} A Conventional heating current | 125A | 160A | 200A | 250A | 315A | 400A | 500A | 630A |
| 约定发热电压U _i (V) Rated insulation voltage U _i (V) | 750 | 750 | 750 | 750 | 1000 | 1000 | 1000 | 1000 |
| 介电强度 V Dielectric strength | 5000 | 5000 | 5000 | 5000 | 8000 | 8000 | 8000 | 8000 |
| 额定冲击耐受电压 U _{imp} KV(安装类别IV) Rated impaction withstand voltage U _{imp} KV (Installation sort IV) | 8 | 8 | 8 | 8 | 12 | 12 | 12 | 12 |
| 额定工作电流 I _e (A) Rated working current I _e (A) | | | | | | | | |
| 380V AC21 AC22 AC23 | 125 | 160 | 200 | 250 | 315 | 400 | 500 | 630 |
| | 125 | 160 | 200 | 250 | 315 | 400 | 500 | 630 |
| | 125 | 160 | 200 | 250 | 315 | 340 | 425 | 500 |
| 660V AC21 AC22 AC23 | 125 | 160 | 160 | 200 | 315 | 400 | 400 | 500 |
| | 125 | 160 | 160 | 160 | 315 | 315 | 315 | 315 |
| | 80 | 80 | 100 | 125 | 125 | 125 | 125 | 125 |
| 220V AC21 AC22 AC23 | 125 | 160 | 200 | 250 | 315 | 400 | 500 | 630 |
| | 125 | 160 | 200 | 250 | 315 | 400 | 400 | 500 |
| | 125 | 125 | 160 | 200 | 315 | 400 | 400 | 500 |
| 440V AC21 AC22 AC23 | 100 | 125 | 160 | 200 | 315 | 400 | 400 | 500 |
| | 100 | 125 | 160 | 200 | 315 | 400 | 400 | 500 |
| | 100 | 125 | 160 | 200 | 315 | 400 | 400 | 500 |
| 电动机功率 P(KW) Motor power P(KW) | | | | | | | | |
| 380V 660V | 63 | 80 | 100 | 132 | 160 | 220 | 280 | 315 |
| | 75 | 75 | 90 | 110 | 185 | 185 | 185 | 185 |
| 过载能力 Overload capacity | | | | | | | | |
| 额定短时耐受电流I _{cw} (KA Rms)0.1S/1.0S Rated short-time withstand current I _{cw} (KA Rms)0.1S/1.0S | 20/10 | 20/10 | 30/12 | 30/12 | 45/20 | 45/20 | 50/25 | 50/25 |
| 接通分断能力 Making and breaking capacity | | | | | | | | |
| 额定接通能力I _{cn} (A Rms)AC23 380V Rated making capacity I _{cn} (A Rms)AC23 380V | 1250 | 1250 | 2000 | 2000 | 3150 | 4000 | 4000 | 4000 |
| 额定分断能力I _{cm} (A Rms)AC23 380V Rated breaking capacity I _{cm} (A Rms)AC23 380V | 1000 | 1000 | 1600 | 1600 | 2500 | 3200 | 3200 | 3200 |
| 额定短路接通能力I _{cm} (KA峰值) Rated short-circuit making capacity I _{cm} (KA peak value) | 12 | 12 | 17 | 17 | 30 | 30 | 40 | 40 |
| 机械寿命(循环操作次数) Mechanical life (rotation operation time) | 10000 | 10000 | 10000 | 10000 | 5500 | 5500 | 5500 | 5500 |
| 电气寿命(循环操作次数) Electrical life (rotation operation time) | | | | | | | | |
| 额定电压U _e =660V 额定电流I _e Rated voltage U _e =660V Rated current I _e | 1500 | 1500 | 1500 | 1500 | 750 | 750 | 750 | 750 |
| COSΦ=0.95 AC21 | 1000 | 1000 | 1000 | 1000 | 500 | 500 | 500 | 500 |
| COSΦ=0.65 AC22 | 500 | 500 | 500 | 500 | 250 | 250 | 250 | 250 |
| COSΦ=0.35 AC23 | | | | | | | | |
| 操作力距(Nm) Operation moment (Nm) | 6.5 | 6.5 | 10 | 10 | 14.5 | 14.5 | 14.5 | 14.5 |
| 重量(Kg) Weight (Kg) | 3极 3 poles 4极 4 poles | 1 1.5 | 2 2.5 | 2 2.5 | 3.5 4 | 3.5 4 | 4 4.5 | 4 4.5 |