

# UKF7 Earth Leakage Circuit Breaker

UKF7 漏电保护断路器



## Technology Specification

### 技术参数

|                                        |                                                                                                                                                                                                                                              |                                                  |
|----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|
| 符合标准 Conform to standard               | IEC61008(EN61008)、GB/T 16916.1                                                                                                                                                                                                               |                                                  |
| 漏电动作时间 Earth leakage motion time       | <input type="checkbox"/> 非延时 <input checked="" type="checkbox"/> 最少10ms延时 <input checked="" type="checkbox"/> 最少40ms延时, 选择性<br><input type="checkbox"/> Non-Extent time G Least 10ms Extent time S Least 40ms, Exteng time, selectivity6-40A |                                                  |
| 额定电压(Ue) Rated voltage                 | 230/400V; 50/60Hz                                                                                                                                                                                                                            |                                                  |
| 额定电流(In) Rated current Rated current   | 16,25,40,63A                                                                                                                                                                                                                                 |                                                  |
| 额定漏电电流(In) Rated earth leakage current | 10,30,100,300,500mA                                                                                                                                                                                                                          |                                                  |
| 灵敏性 Be sensitive to capability         | <input checked="" type="checkbox"/> AC型<br>AC Type                                                                                                                                                                                           | <input checked="" type="checkbox"/> A型<br>A Type |
| 短时耐受电流 Brief while able current        | 10kA-接 63A gI 熔断器 Contactor 63A Fuse                                                                                                                                                                                                         |                                                  |
|                                        | 10kA-接 80A gI 熔断器(F7-80) Contactor 80A Fuse(F7-80)                                                                                                                                                                                           |                                                  |
| 抗气候条件能力 Resist clime condition power   | 按IEC61008标准 Standard of IEC61008                                                                                                                                                                                                             |                                                  |
| 外壳防护等级 Case protection grade           | IP40(安装后) IP40 (Install after)                                                                                                                                                                                                               |                                                  |
| 电气寿命 Electrical life                   | 不少于4000次(通-断) Not less of 4000 times switching operation                                                                                                                                                                                     |                                                  |
| 机械寿命 Moto life                         | 不少于20000次(通-断) Not less of 20000 times switching operation                                                                                                                                                                                   |                                                  |

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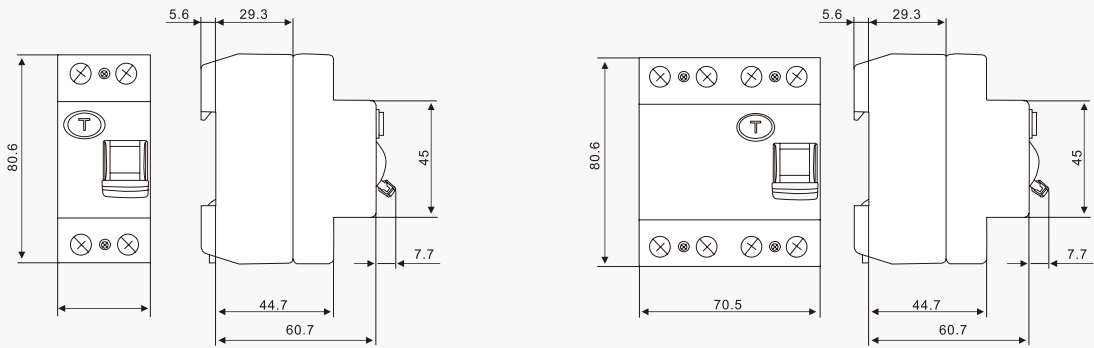
Mechanical Parameters

机械参数

|                                  |                                                                                                  |
|----------------------------------|--------------------------------------------------------------------------------------------------|
| 安装方式 Installation mode           | 采用IEC标准导轨安装 The standard IEC rail                                                                |
| 端子接线能力 Terminal block capability | 导线1-25mm <sup>2</sup> ; 母线排厚度0.8-2mm Conductor1-25mm <sup>2</sup> ; Generatrix thickness 0.8-2mm |
| 外壳宽度 Enclosure width             | 二级35mm <sup>2</sup> ; 四极70mm (2 pole)35mm; (4 pole)70mm                                          |

Outline and Installaiton Dimensions

外形与安装尺寸



除另外声明：2极开关是两个模数宽，4极（3P+N）是四个模数宽  
Unless specifi ed otherwise: The width of two-step swithc is two modulus, Four-step(3P+N) is four mdulus

Main Feature

主要特点

- 两侧双功能接线端子，可同时接母线排和单芯导线

具有触头状态指示器

多种漏电动作电流规格，容易实现选择性保护

可防止由于电子设备开关操作引起的误动作
- Bilateral double-functional wiring terminal can connect generatrix and single core wire.

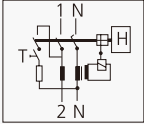
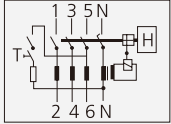
With contactor condition indicator

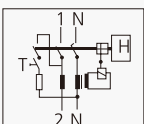
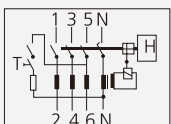
Various current specifications of creepage action can easily ensure selective protection.

For prevention from unexpected trip due to swtich operations of electric equipment

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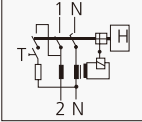
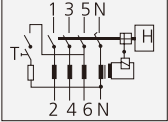
## UKF7 漏电保护断路器

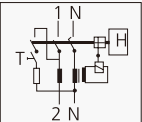
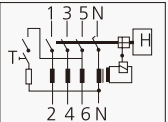
|                                                                                                                                                                                                                                                                                                     | 2P                                                                                                                                                                  |                                |                   | 4P                                                                                                                                                                     |                                |                   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|-------------------|
|                                                                                                                                                                                                                                                                                                     |   |                                |                   |   |                                |                   |
|                                                                                                                                                                                                                                                                                                     | 额定电流(A)<br>Rated current(A)                                                                                                                                         | 额定漏电流<br>Rated leakage current |                   | 额定电流(A)<br>Rated current(A)                                                                                                                                            | 额定漏电流<br>Rated leakage current |                   |
|   <p>可防止电子设备开关操作引起的不必要脱扣动作。</p> <p>To prevent the false tripping caused by the switching operation of electronical equipment.</p> | 16                                                                                                                                                                  | 0.01                           | UKF7-63/2/16/0.01 | 25                                                                                                                                                                     | 0.03                           | UKF7-63/4/25/0.03 |
|                                                                                                                                                                                                                                                                                                     | 25                                                                                                                                                                  | 0.03                           | UKF7-63/2/25/0.03 | 25                                                                                                                                                                     | 0.10                           | UKF7-63/4/25/0.10 |
|                                                                                                                                                                                                                                                                                                     | 25                                                                                                                                                                  | 0.10                           | UKF7-63/2/25/0.10 | 40                                                                                                                                                                     | 0.03                           | UKF7-63/4/40/0.03 |
|                                                                                                                                                                                                                                                                                                     | 40                                                                                                                                                                  | 0.03                           | UKF7-63/2/40/0.03 | 40                                                                                                                                                                     | 0.10                           | UKF7-63/4/40/0.10 |
|                                                                                                                                                                                                                                                                                                     | 40                                                                                                                                                                  | 0.10                           | UKF7-63/2/40/0.10 | 40                                                                                                                                                                     | 0.30                           | UKF7-63/4/40/0.30 |
|                                                                                                                                                                                                                                                                                                     | 63                                                                                                                                                                  | 0.03                           | UKF7-63/2/63/0.03 | 40                                                                                                                                                                     | 0.50                           | UKF7-63/4/40/0.50 |
|                                                                                                                                                                                                                                                                                                     | 63                                                                                                                                                                  | 0.10                           | UKF7-63/2/63/0.10 | 63                                                                                                                                                                     | 0.03                           | UKF7-63/4/63/0.03 |
|                                                                                                                                                                                                                                                                                                     | 63                                                                                                                                                                  | 0.30                           | UKF7-63/2/63/0.30 | 63                                                                                                                                                                     | 0.10                           | UKF7-63/4/63/0.10 |
|                                                                                                                                                                                                                                                                                                     | 80                                                                                                                                                                  | 0.03                           | UKF7-80/2/80/0.03 | 63                                                                                                                                                                     | 0.30                           | UKF7-63/4/63/0.30 |
|                                                                                                                                                                                                                                                                                                     | 80                                                                                                                                                                  | 0.10                           | UKF7-80/2/80/0.10 | 63                                                                                                                                                                     | 0.50                           | UKF7-63/4/63/0.50 |
|                                                                                                                                                                                                                                                                                                     | 80                                                                                                                                                                  | 0.30                           | UKF7-80/2/80/0.30 | 80                                                                                                                                                                     | 0.03                           | UKF7-80/4/80/0.03 |
|                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                     |                                |                   | 80                                                                                                                                                                     | 0.10                           | UKF7-80/4/80/0.10 |
|                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                     |                                |                   | 80                                                                                                                                                                     | 0.30                           | UKF7-80/4/80/0.30 |
|                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                     |                                |                   | 80                                                                                                                                                                     | 0.50                           | UKF7-80/4/80/0.50 |

|                                                                                                                                                                                                                                                                                                         | 2P                                                                                                                                                                      |                                |                   | 4P                                                                                                                                                                         |                                |                   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|-------------------|
|                                                                                                                                                                                                                                                                                                         |   |                                |                   |   |                                |                   |
|                                                                                                                                                                                                                                                                                                         | 额定电流(A)<br>Rated current(A)                                                                                                                                             | 额定漏电流<br>Rated leakage current |                   | 额定电流(A)<br>Rated current(A)                                                                                                                                                | 额定漏电流<br>Rated leakage current |                   |
|   <p>可防止电子设备开关操作引起的不必要脱扣动作。</p> <p>To prevent the false tripping caused by the switching operation of electronical equipment.</p> | 16                                                                                                                                                                      | 0.01                           | UKF7-63/2/16/0.01 | 25                                                                                                                                                                         | 0.03                           | UKF7-63/4/25/0.03 |
|                                                                                                                                                                                                                                                                                                         | 25                                                                                                                                                                      | 0.03                           | UKF7-63/2/25/0.03 | 25                                                                                                                                                                         | 0.10                           | UKF7-63/4/25/0.10 |
|                                                                                                                                                                                                                                                                                                         | 25                                                                                                                                                                      | 0.10                           | UKF7-63/2/25/0.10 | 40                                                                                                                                                                         | 0.03                           | UKF7-63/4/40/0.03 |
|                                                                                                                                                                                                                                                                                                         | 40                                                                                                                                                                      | 0.03                           | UKF7-63/2/40/0.03 | 40                                                                                                                                                                         | 0.10                           | UKF7-63/4/40/0.10 |
|                                                                                                                                                                                                                                                                                                         | 40                                                                                                                                                                      | 0.10                           | UKF7-63/2/40/0.10 | 40                                                                                                                                                                         | 0.30                           | UKF7-63/4/40/0.30 |
|                                                                                                                                                                                                                                                                                                         | 63                                                                                                                                                                      | 0.03                           | UKF7-63/2/63/0.03 | 40                                                                                                                                                                         | 0.50                           | UKF7-63/4/40/0.50 |
|                                                                                                                                                                                                                                                                                                         | 63                                                                                                                                                                      | 0.10                           | UKF7-63/2/63/0.10 | 63                                                                                                                                                                         | 0.03                           | UKF7-63/4/63/0.03 |
|                                                                                                                                                                                                                                                                                                         | 63                                                                                                                                                                      | 0.30                           | UKF7-63/2/63/0.30 | 63                                                                                                                                                                         | 0.10                           | UKF7-63/4/63/0.10 |
|                                                                                                                                                                                                                                                                                                         | 80                                                                                                                                                                      | 0.03                           | UKF7-80/2/80/0.03 | 63                                                                                                                                                                         | 0.30                           | UKF7-63/4/63/0.30 |
|                                                                                                                                                                                                                                                                                                         | 80                                                                                                                                                                      | 0.10                           | UKF7-80/2/80/0.10 | 63                                                                                                                                                                         | 0.50                           | UKF7-63/4/63/0.50 |
|                                                                                                                                                                                                                                                                                                         | 80                                                                                                                                                                      | 0.30                           | UKF7-80/2/80/0.30 | 80                                                                                                                                                                         | 0.03                           | UKF7-80/4/80/0.03 |
|                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                         |                                |                   | 80                                                                                                                                                                         | 0.10                           | UKF7-80/4/80/0.10 |
|                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                         |                                |                   | 80                                                                                                                                                                         | 0.30                           | UKF7-80/4/80/0.30 |
|                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                         |                                |                   | 80                                                                                                                                                                         | 0.50                           | UKF7-80/4/80/0.50 |

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|                                                                                                                                                                                                                                                                                                                                     | 2P                                                                                |                                |                     | 4P                                                                                  |                                |                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|--------------------------------|---------------------|-------------------------------------------------------------------------------------|--------------------------------|---------------------|
|                                                                                                                                                                                                                                                                                                                                     |  |                                |                     |   |                                |                     |
|                                                                                                                                                                                                                                                                                                                                     |  |                                |                     |  |                                |                     |
| <div><br/>-25<br/><br/>10000</div> <p>可防止电子设备开关操作引起的不必要脱扣动作。</p> <p>To prevent the false tipping caused by the switching operation of electronical equipment.</p> | 额定电流(A)<br>Rated current(A)                                                       | 额定漏电流<br>Rated leakage current |                     | 额定电流(A)<br>Rated current(A)                                                         | 额定漏电流<br>Rated leakage current |                     |
|                                                                                                                                                                                                                                                                                                                                     | 25                                                                                | 0.03                           | UKF7-40/2/25/0.03-G | 40                                                                                  | 0.03                           | UKF7-40/4/40/0.03-G |
|                                                                                                                                                                                                                                                                                                                                     | 25                                                                                | 0.10                           | UKF7-40/2/25/0.10-G | 40                                                                                  | 0.10                           | UKF7-40/4/25/0.10-G |
|                                                                                                                                                                                                                                                                                                                                     | 40                                                                                | 0.03                           | UKF7-40/2/40/0.03-G | 63                                                                                  | 0.03                           | UKF7-63/4/63/0.03-G |
|                                                                                                                                                                                                                                                                                                                                     | 40                                                                                | 0.10                           | UKF7-40/2/40/0.10-G | 63                                                                                  | 0.10                           | UKF7-63/4/63/0.10-G |
|                                                                                                                                                                                                                                                                                                                                     |                                                                                   |                                |                     | 80                                                                                  | 0.03                           | UKF7-80/4/80/0.03-G |
|                                                                                                                                                                                                                                                                                                                                     |                                                                                   |                                |                     | 80                                                                                  | 0.10                           | UKF7-80/4/80/0.10-G |

|                                                                                                                                                                                                                                                                                                                                         | 2P                                                                                  |                                |                     | 4P                                                                                    |                                |                       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------|---------------------|---------------------------------------------------------------------------------------|--------------------------------|-----------------------|
|                                                                                                                                                                                                                                                                                                                                         |  |                                |                     |   |                                |                       |
|                                                                                                                                                                                                                                                                                                                                         |  |                                |                     |  |                                |                       |
| <div><br/>-25<br/><br/>10000</div> <p>可防止电子设备开关操作引起的不必要脱扣动作。</p> <p>To prevent the false tipping caused by the switching operation of electronical equipment.</p> | 额定电流(A)<br>Rated current(A)                                                         | 额定漏电流<br>Rated leakage current |                     | 额定电流(A)<br>Rated current(A)                                                           | 额定漏电流<br>Rated leakage current |                       |
|                                                                                                                                                                                                                                                                                                                                         | 40                                                                                  | 0.10                           | UKF7-40/2/40/0.10-G | 25                                                                                    | 0.10                           | UKF7-63/4/25/0.10-S   |
|                                                                                                                                                                                                                                                                                                                                         | 40                                                                                  | 0.30                           | UKF7-40/2/40/0.30-G | 25                                                                                    | 0.10                           | UKF7-63/4/25/0.10-S/A |
|                                                                                                                                                                                                                                                                                                                                         |                                                                                     |                                |                     | 40                                                                                    | 0.10                           | UKF7-63/4/40/0.10-S   |
|                                                                                                                                                                                                                                                                                                                                         |                                                                                     |                                |                     | 40                                                                                    | 0.10                           | UKF7-63/4/40/0.10-S/A |
|                                                                                                                                                                                                                                                                                                                                         |                                                                                     |                                |                     | 40                                                                                    | 0.30                           | UKF7-63/4/40/0.30-S   |
|                                                                                                                                                                                                                                                                                                                                         |                                                                                     |                                |                     | 40                                                                                    | 0.30                           | UKF7-63/4/40/0.30-S/A |
|                                                                                                                                                                                                                                                                                                                                         |                                                                                     |                                |                     | 63                                                                                    | 0.10                           | UKF7-63/4/63/0.10-S   |
|                                                                                                                                                                                                                                                                                                                                         |                                                                                     |                                |                     | 63                                                                                    | 0.10                           | UKF7-63/4/63/0.10-S/A |
|                                                                                                                                                                                                                                                                                                                                         |                                                                                     |                                |                     | 63                                                                                    | 0.30                           | UKF7-63/4/63/0.30-S   |
|                                                                                                                                                                                                                                                                                                                                         |                                                                                     |                                |                     | 63                                                                                    | 0.30                           | UKF7-63/4/63/0.30-S/A |
|                                                                                                                                                                                                                                                                                                                                         |                                                                                     |                                |                     | 80                                                                                    | 0.10                           | UKF7-80/4/80/0.10-S   |
|                                                                                                                                                                                                                                                                                                                                         |                                                                                     |                                |                     | 80                                                                                    | 0.10                           | UKF7-80/4/80/0.10-S/A |
|                                                                                                                                                                                                                                                                                                                                         |                                                                                     |                                |                     | 80                                                                                    | 0.30                           | UKF7-80/4/80/0.30-S   |
|                                                                                                                                                                                                                                                                                                                                         |                                                                                     |                                |                     | 80                                                                                    | 0.30                           | UKF7-80/4/80/0.30-S/A |