



Equipment that saves your life.

"Safety switches" - Residual Current Circuit Breakers

- Nobody is safe against potential electricity failures. It does not take much for a current that serves us well to bring extreme danger to our everyday life. **The most reasonable way to reduce the risk is to use a protection equipment RCCB (residual current device).**
- **RCCB can be used to fulfill personal and industrial needs**
- **RCCB device mainly used for providing complete protection to people and equipment.**
 - protection from indirect contact with electrical voltage
 - protection against earth leakage currents
 - additional protection when in direct contact.
 - protection against fire
- **RCCB main functionality** - Switching off when a fault in our electrical system develops.
- **More and more electrical devices use rectifiers, which operate at higher frequencies as 50 Hz. For these frequencies protection from indirect contact is not guaranteed with aforementioned breakers. This is the reason you have to use F type breakers, which detect and switch off also fault currents at higher frequencies.**

Our Solution - F-type RCCB



- ✓ **Intended for protection** when using washing machines, vacuum cleaners, dishwashers, heating pumps, lighting systems
- ✓ **Capable of detecting mixed frequencies up to 1 kHz**
- ✓ **The tripping characteristic** of type F is not influenced by smooth d.c. residual currents up to 10 mA.
- ✓ **Functions of detection, evaluation and interruption** for type F residual currents do not depend on the line voltage.
- ✓ **Increased unwanted tripping and surge current withstand capability** with current waveform 8/20 μ s up to 3 kA
- ✓ **Optional operating position**
- ✓ **Degree of protection IP20**; after installation in a distribution box IP40.
- ✓ **Isolating function**
- ✓ **Additional colour display of the position of main contacts** (red – contacts closed, green – contacts open)
- ✓ **A terminal shape prevents connection of a conductor outside the connection area**

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Why choose Iskra?



High
quality



Complete
solutions



Flexibility



Client
support

- **High quality** (Certification and satisfied clients from all over the world)
- **Complete solutions for your project** (Complete range of RCCB for mounting in new installations or replacement your old devices)

- **Flexibility** (Meeting customer specific demand, compromising on delivery terms & price)

- **Client support** (Advanced tech and informational support)



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