

## Highlights of switch disconnectors

### Avoid electrical accidents

- Enhanced touch protection thanks to terminal covers
- Locking functions help to prevent unauthorized operation

### Ensure system availability

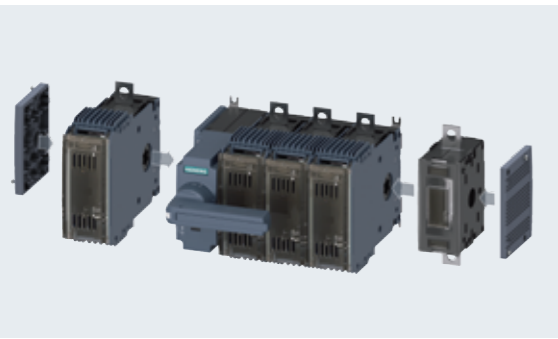
- Enhanced protection against interphase arcing
- High reliability thanks to rugged technology

### Increase productivity

- Modular system ensures fast installation and easy retrofitting of additional functions
- Integrated technology for industrial plants, infrastructure, and buildings

### Improve flexibility

- Can be used individually as main control, EMERGENCY-STOP, or maintenance switches
- Versatile connection options, operating mechanism designs, and comprehensive accessories available



3KF switch disconnectors with fuses are modular and flexible: simple retrofitting of additional poles

Published by  
Siemens AG 2017

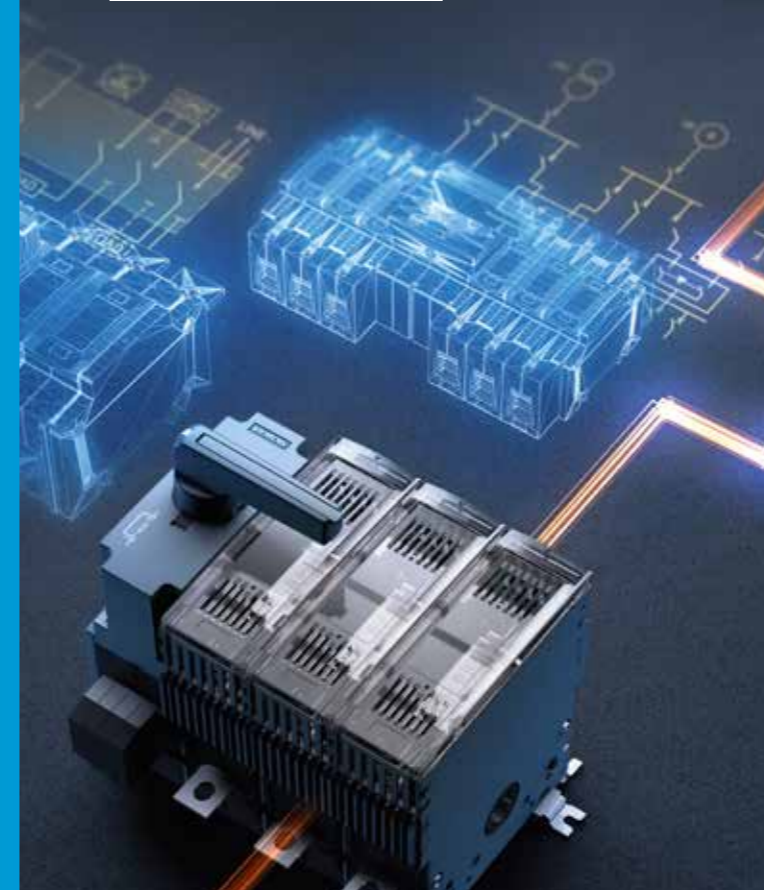
Energy Management  
Siemensstr. 10  
93055 Regensburg  
Germany

Article No. EMLP-B10082-00-7600  
Dispo 25600 • 0417 • 3.0  
Printed in Germany

Subject to changes and errors

The information given in this document only contains general descriptions and/or performance features which may not always specifically reflect those described. The requested performance features are binding only when they are expressly agreed upon in the concluded contract.

**SIEMENS**  
*Ingenuity for life*



## Switch disconnectors and transfer switching equipment

End-to-end safety for users and systems

[siemens.com/switching-devices](https://www.siemens.com/switching-devices)

## End-to-end safety



### Operating systems safely and reliably

With technical systems, safety is top priority for personnel and machines. For that reason, it must be possible to reliably disconnect the system from the power supply when maintenance work is performed. At the same time, only an uninterrupted power supply can achieve high system availability.

#### Switch disconnectors – greater safety for operating personnel

The **switch disconnectors** from Siemens make it possible to continuously connect and disconnect the system under load and protect users from electric shock. At the same time, they prevent unauthorized operation on machines.

#### Transfer switching equipment – for a continuous supply of power

A power failure can have serious consequences. The **transfer switching equipment** from Siemens achieves reliable and uninterrupted switching between two power sources. In addition, this same equipment comprises two switch disconnectors that are connected to each other by means of a mechanical and an electrical interlock. It provides maximum protection and complies with the requirements of IEC standards.

## 3KC transfer switching equipment

### Versions

- Remote transfer switching equipment (3KC RTSE)
- Automatic transfer switching equipment (3KC ATSE)
- Manual transfer switching equipment (3KC MTSE)

### 3KC MTSE

Rated current  $I_n$ : 16 A to 1,600 A

Frame sizes: 5

Number of poles: 3-pole, 4-pole

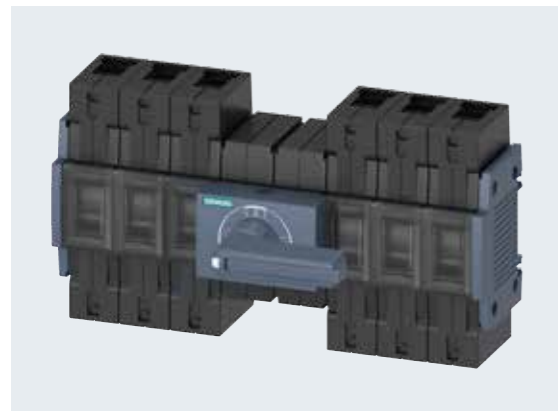
Connection options:

- Box terminal
- Flat terminal

Installation:

- Standard mounting rail
- Mounting plate

**More information at:**  
[siemens.com/product?3kc](https://www.siemens.com/product?3kc)



3KC MTSE with direct operating mechanism, 3-pole

## 3KD switch disconnectors

Rated current  $I_n$ : 16 A to 1,600 A

Frame sizes: 5

Number of poles: 3-pole, 4-pole, 6-pole

Connection options:

- Box terminal
- Flat terminal

Installation:

- Standard mounting rail
- Mounting plate

Switching versions:

- Direct operating mechanism
- Door-coupling rotary operating mechanism
- Side operating mechanism

**More information at:**  
[siemens.com/product?3kd](https://www.siemens.com/product?3kd)



3KD switch disconnector with direct operating mechanism, 3-pole

## 3KF switch disconnectors with fuses

Rated current  $I_n$ : 32 A to 800 A

Frame sizes: 5

Number of poles: 3-pole, 4-pole

Connection options:

- Box terminal
- Flat terminal
- Rear flat terminal

Installation:

- Standard mounting rail
- Mounting plate

Switching versions:

- Direct operating mechanism
- Door-coupling rotary operating mechanism
- Side operating mechanism

Double contact interruption

Suitable LV HRC fuse links up to 800 A

**More information at:**  
[siemens.com/product?3kf](https://www.siemens.com/product?3kf)



3KF switch disconnector with fuses and direct operating mechanism, 3-pole

## One click for all information

**The new portfolio for your global challenges:**  
Discover the switch disconnectors and transfer switching equipment from Siemens for the reliable protection of personnel and high system availability.

**All information at:**  
[siemens.com/switching-devices](https://www.siemens.com/switching-devices)

### Any questions?

Our support staff is always happy to help.

			
Information	Planning/ ordering	Operation/ service	Training

We support you from the planning stages to commissioning to operation.

**Technical assistance: +49-911-895-5900**  
[siemens.com/lowvoltage/support](https://www.siemens.com/lowvoltage/support)