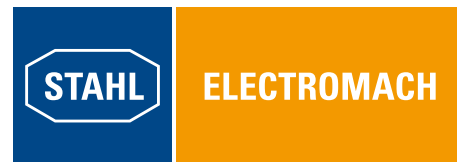


# SAFETY SWITCHES



## R. STAHL Safety Switches - The New Generation

The safety switch has a function that, since 30 years, allows a quick disconnection of automatically controlled drives. The requirements of the new Series 8544 are defined such that the maintenance personnel may disconnect the respective circuits without having special knowledge of electrical engineering. This procedure simplifies considerably the operational sequence and allows a low-cost operation of the system. The novel design of the switch used has a finger protection according to IP20.

## Easy Operation - Correct Installation

Our safety switch series in plastic enclosures ranges from 12 to 180 A. If rated current ranges greater than 180 A are required, R. STAHL uses flameproof enclosures with connection chamber of Increased Safety (Ex e). This produces safety switches that are able to safely disconnect ranges from 250 A to 630 A.

This series offers 3-pole and 6-pole switches. Each one can be equipped with various auxiliary contact functions.

### Clear Assignment

- Safe technology
- Easy installation

### Future-Proof Technology

- Adaptable modules
- Retrofittable at any time
- Use at ambient temperatures to  $-50\text{ }^{\circ}\text{C}$

### Intelligent Design

- Only one actuator for frequency-controlled drives
- $\geq 20\text{ ms}$  leading auxiliary contact for safe motor disconnection

#### ELECTROMACH B.V.

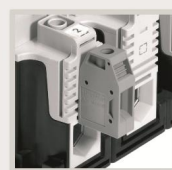
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Leveringen geschieden  
overeenkomstig onze voorwaarden.  
*Deliveries subject to our general  
conditions of sale.*



## Modern Switch Design

- IP20 cover of the terminals – also with cable lug
- Ex i circuits are easily possible by fitting a separate cover
- Retrofittable with auxiliary contacts
- Integrated cable ducts for auxiliary contact wiring
- Main connection terminals arranged on one level
- Very simple and clearly marked modern switch design

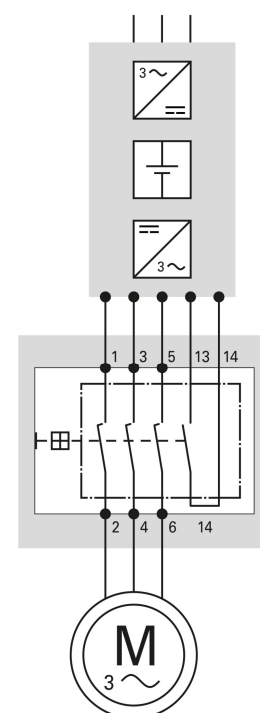
## Safe Switching With One Actuator

The use in circuits with frequency-controlled drives is guaranteed by the safe early make time for a auxiliary contact with a time delay of  $\geq 20$  ms.

This guarantees the simple use of safety switches in a motor circuit with modern frequency converter by means of just one rotary actuator.

Frequenzumrichter  
Variable speed drive

Sicherheitsschalter  
Safety switch



More details on [www.electromach.com](http://www.electromach.com). Please enter the WebCode.

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