



## MINISTART

### Softstarter UH 9018

**DOLD** 

With the **softstarter UH 9018** from the **MINISTART** series, DOLD offers a reliable softstarter available in four performance levels. The compact, two-phase controlled softstarter for an output range from 1.5 to 7.5 kW combines optimal start-up and run-down characteristics with intelligent monitoring functions. Optional functions offer additional advantages, even for challenging applications. These allow the soft starter to offer both gentle control and simplified drive monitoring in a wide variety of applications.

With the UH 9018, DOLD has developed an inexpensive option that can even be a substitute for a star-delta starter. Its slim construction and the ability to snap the device onto 35 mm standard rails makes it easy to install, even in existing systems. The start-up and run-down time can be continuously controlled using potentiometers as a standard feature. The starting voltage can be individually adjusted. The boost function also allows operators to start drives with high holding torque at a standstill.

The UH 9018 series is excellently equipped with regard to monitoring and security. Low voltage, phase / ignition failures or high temperatures are detected instantly and displayed using LEDs and signaling contacts. Diverse functions, flexible setting options, and a compact construction: UH 9018 makes it possible. Soft starting has never been so simple.

#### Advantages and customer benefit

- ▶ To limit start-up current and for stable network conditions
- ▶ Jolt-free start and minimized start-up current
- ▶ Increases the life span of motors and mechanical drive components
- ▶ Protects the drive unit
- ▶ Integrated bypass conductor
- ▶ Simple operation
- ▶ Comprehensive diagnosis through LED flash code

**Our experience. Your safety.**

# Softstarter UH 9018

## Technical features

- ▶ Soft start and soft stop function
- ▶ For motor output of 1.5 kW to 7.5 kW
- ▶ 2-phase motor control
- ▶ Option to set start-up and run-down time or starting voltage separately
- ▶ Kickstart (boost) function
- ▶ Top hat rail mounting
- ▶ Protection class IP20
- ▶ Compact construction, 45 mm construction width

## Order information

Standard type: UH 9018 3 AC 400 V 50/60 Hz 1.5 kW  
Item number: 0066471

Standard type: UH 9018 /110 3 AC 400 V 50/60 Hz 7,5 kW  
Item number: 0068626

## Fields of application

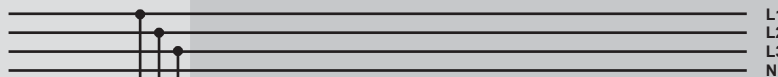
- ▶ Machines with gear, belt, and chain drives
- ▶ Conveyor belts, fans, pumps, compressors
- ▶ Woodworking machines, centrifuges
- ▶ Packaging machines, transformers

## Application

The softstarter UH 9018 is suitable for challenging applications requiring reduced torque during start-up and run-down. The device ensures that the drive can start up smoothly. This precludes the drive elements from being damaged, because no abrupt starting torque occurs when the device is switched on directly. After a successful start-up, the power semiconductor is bridged using internal relay contacts in order to minimize loss within the device. The soft start function is designed to extend the natural run-down time of the drive, also preventing an abrupt stop.



Softstarter  
UH 9018



Soft  
Start

Soft  
Stop

Boost

I >

## Further information

UH 9018

Start

[www.dold.com](http://www.dold.com)

**DOLD**

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