



MINISTART

DOLD 

Softstarter / Softstop UG 9019 Smooth control of motors

With the **softstarter UG 9019** from the **MINISTART** series, DOLD offers a reliable softstart and softstop device with a width of only 22.5 mm. The slim, two phase controlled softstarter for the power range of up to 4 kW combines perfect starting and stopping characteristics with intelligent monitoring functions. In doing so, it allows both smooth control and simplified drive monitoring in a wide variety of application fields. Optional function possibilities offer additional advantages even for challenging applications.

With the UG 9019 DOLD has developed an intelligent version that makes assembly easy even in existing units by simply clipping on to the DIN rail. The device is also suitable for retrofitting due to its narrow construction type. Starting and deceleration time can be selected conveniently and continuously variable via rotary switches as a standard feature. The starting voltage can be individually adjusted and a relay output shows that the device is ready for operation.

The UG 9019 is optimally equipped with regard to monitoring and safety. Phase failure, phase sequence or overtemperature are recognised instantly and displayed by luminous diodes and indicator contacts. Versatile functionality, flexible adjusting possibilities and a compact construction type: Soft starting has never been this simple.

Advantages and customer benefit

- ▶ Soft starting and deceleration
- ▶ Continuously variable starting and minimised starting current
- ▶ Simple device setting via rotary switches
- ▶ Reduction of current peaks
- ▶ Wear free switching
- ▶ Increase of service life of motors
- ▶ Suitable for IE1, IE2, and IE3 motors
- ▶ Decrease of mechanical stress in the drive
- ▶ Considerable saving of space compared with conventional starters

Our experience. Your safety.

Softstarter / Softstop UG 9019

Technical features

- ▶ Soft starting and softstop function
- ▶ In accordance with IEC 60947-4-2
- ▶ 2-phase softstart and softstop of 3-phase motors up to 4 kW at 400 V
- ▶ 4 potentiometers to set starting torque, deceleration torque, soft start/soft stop time
- ▶ 3 LEDs as indicators
- ▶ Reset button on the front
- ▶ Separate adjusting possibility of starting and stopping time or starting voltage
- ▶ Connection possibility for external reset button
- ▶ Relay indicator output to signal ready for operation
- ▶ Galvanic separation between control and power circuit
- ▶ DIN rail mounting
- ▶ Width 22.5 mm



Softstarter
UG 9019



Order information

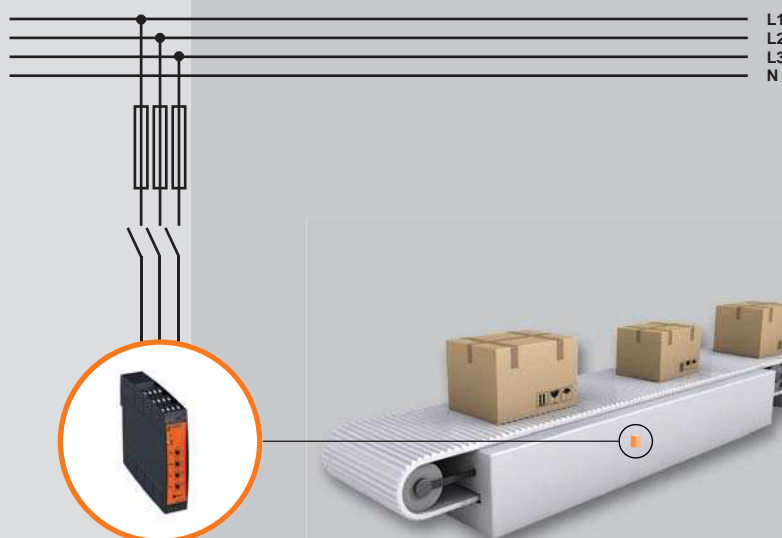
Standard type:
UG 9019.11/110/61 3 AC 200 ... 480V 9,0 A 1 ... 10 s
Item number: 0067032

Fields of application

- ▶ Machines with gear, belt or chain drives
- ▶ Conveyor belts
- ▶ Fans, pumps and compressors
- ▶ Washing installations and car-wash plants
- ▶ Woodworking machines and centrifuges
- ▶ Packaging machines and transformers
- ▶ Door and gate drives

Application example

The softstarter UG 9019 is suitable for nearly every application up to 4 kW motor power at 400 V, which require reduced torques when starting and stopping. For instance for the drive of conveyor belts, compressors, grinding machines and many more. The device guarantees a soft start, so that drive elements are not damaged by abrupt start-up after starting. The soft stopping function should extend the natural deceleration of the drive, also in order to avoid jerky stopping.



Further information

UG 9019

Start

www.dold.com

DOLD

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