

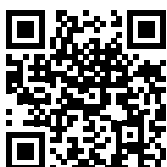
# 3

## Contactors

**S135 series**

1 and 2 pole  
emergency  
disconnect  
switches

**Flyer B125.en**



More information  
[schaltbau.com](http://schaltbau.com)

## S135 – 1- and 2-polige emergency disconnect switches

S135 series emergency disconnect switches ensure immediate power interruption when actuated manually. Using these devices significantly increases the safety factors at the place of use (UVV requirements).

The circuit is closed by pulling the red signal button. In case of an emergency, the circuit is directly interrupted by pressing the red signal button. The snap-action mechanism in the actuation system automatically completes the initiated shut-off process. There are two defined position positions.

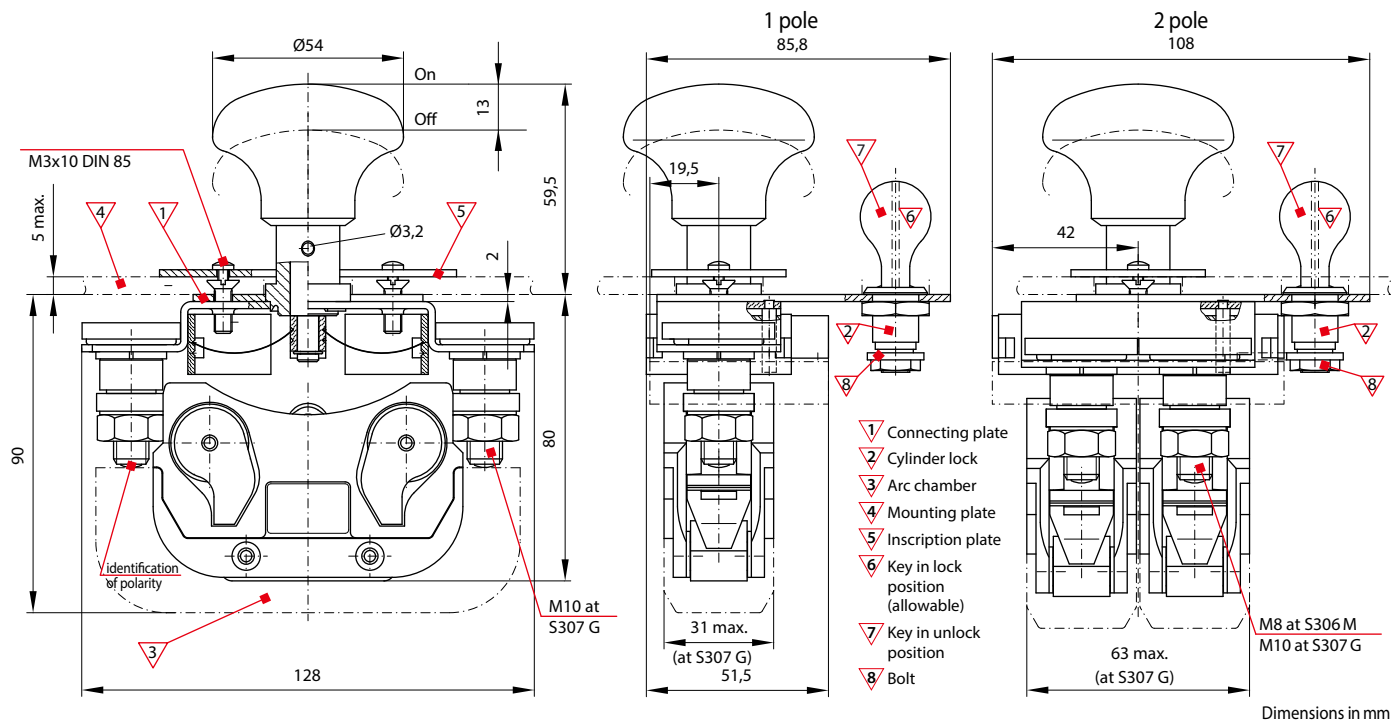
The emergency stop switch is intended for DC applications. Switching elements with permanent magnetic blowout are used to increase the permissible cut-off current. The correct polarity of the cable connection must be observed.

A cylinder lock also permits the usual key and shut-off functions. The key can only be removed in the "off" position and the switching button is then locked.

| Specification  |           | S135                          |
|--|-----------|-------------------------------|
| <b>Type of voltage</b>                               |           | DC                            |
| <b>Main contacts, configuration</b>                  |           | 1x / 2x, NC                   |
| <b>Main contacts</b>                                 |           |                               |
| Nominal voltage                                      | $U_n$     | 300 V                         |
| Rated insulation voltage                             | $U_i$     | 320 V                         |
| Rated impulse withstand voltage                      | $U_{imp}$ | 4 kV @ PD3                    |
| Conventional free air thermal current $I_{th}$       |           | S306 M: 160 A / S307 G: 250 A |
| Breaking capacity, see <a href="#">Catalogue B40</a> |           |                               |
| <b>Mechanical endurance</b>                          |           | 30,000 operations             |
| <b>Mounting position</b>                             |           | horizontal, vertical          |
| <b>Terminals</b>                                     | Bolts     | M8 @ S306 M / M10 @ S307 G    |
| <b>Tightening torque</b>                             | M8        | 8 Nm max.                     |
|  | M10       | 12 Nm max.                    |
| <b>Temperature range</b>                             |           | -25 °C ... +50 °C             |

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## Dimension diagram

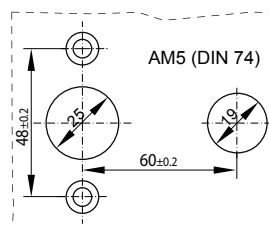


## Versions, Mounting template, Ordering code

### Versions

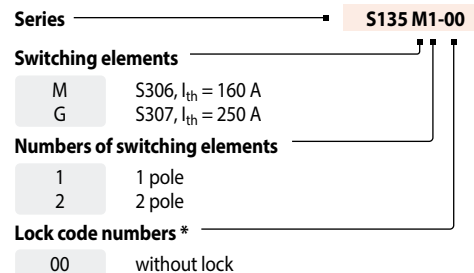
| Series      | Switching element | Convent. thermal current $I_{th}$ | Weight  |
|-------------|-------------------|-----------------------------------|---------|
| S135 M1-00* | 1x S306 M         | 160 A                             | 0.65 kg |
| S135 M2-00* | 2x S306 M         | 160 A                             | 1.10 kg |
| S135 G1-00* | 1x S307 G         | 250 A                             | 0.75 kg |
| S135 G2-00* | 2x S307 G         | 250 A                             | 1.25 kg |

### Mounting template



Unscrew the red switching knob for assembly. A hole through the socket and shaft serves as a counter-hold, into which a pin with  $\varnothing 3$  mm is inserted.

### Mounting template



### Accessories

|                  |           |
|------------------|-----------|
| Cylinder lock 51 | ZHS 4A251 |
| Cylinder lock 65 | ZHS 4A265 |
| Connecting plate | ZP-S13x   |

\* Due to the regulations for accident prevention "Industrial trucks" in some countries the vehicles have to be fitted with different locks depending on the kind of operation. We supply:

- Driver operated vehicles: Lock code number 51
- Pedestrian operated vehicles: Lock code number 65



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 contact@schaltbau.de  
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