

# Limit Switch

## LHS-25/5-8RV

### Installation, Operation and Maintenance Instructions

#### General

Assure that any specific safety standards are paid attention for and the complete line is isolated from mains before starting any works.

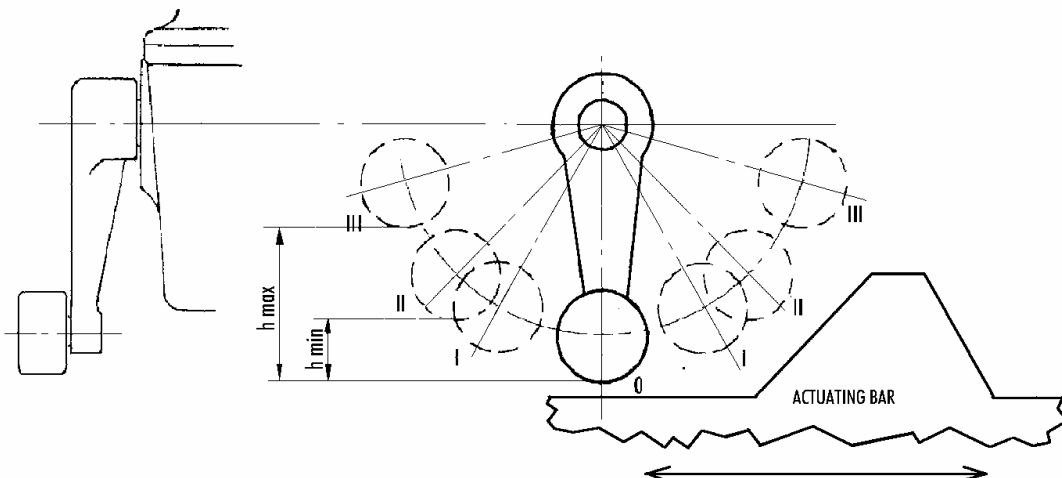
#### Installation

The operating lever can be relocated in steps of 90 degrees after the locking screw has been removed (refit the screw after the lever has been relocated). The switch should be arranged in such a manner that the actuating bar or cam acts on the centre of the roller. The limit switch may be mounted in any position.

#### Cam or Actuating Bar

With regard to the forced opening mechanism it is essential that the actuating lever is displaced by the cam or actuating bar to  $h_{\min}$ . The maximum displacement of the lever without being destructed is reachable at  $h_{\max}$ .

position	degrees	displacement height	function
0	neutral		
I	30°		commutation
h min II	45°	35 mm	forced opening
h max III	75°	72 mm	overrun



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## Overrun

The range between 45 degrees and 60 degrees is available for the overrun, i.e. for compensation of any differences in elevation.

## Putting into service

### Connecting

1. Remove the lid of the terminal box (little lid).
2. The wiring scheme is printed on the inside of the lid.
3. Enter the cables into the glands and connect them, fit the bridges, if required.
4. Screw the glands tight, blank off any unused glands by means of screw plugs.
5. Connect the earthing lead.
6. Fit the cover of the terminal box.

### Preparing for operation

1. The limit switch holds pre-formed camdiscs having different shape of cams. Thus the arrangement (combination) of contacts can be changed by screwing cam-switch elements opposite to suitable camdisc.
2. At delivery the inside connecting lines from elements to terminal bolts are drawn.
3. Check wiring and thoroughly re-fit the lid.

### Maintenance

1. New switches need no maintenance.