

Limit Switch

REL



APPLICATION

The limit switch REL made of rigid cast iron has been designed for a maximum of safe operation under severe conditions to become installed in any bulk handling system (e.g. in open pit mines). All external parts are either of stainless steel or have been specially plated. The trip points - both preset at 10° - can be adjusted between 5° and 35°.

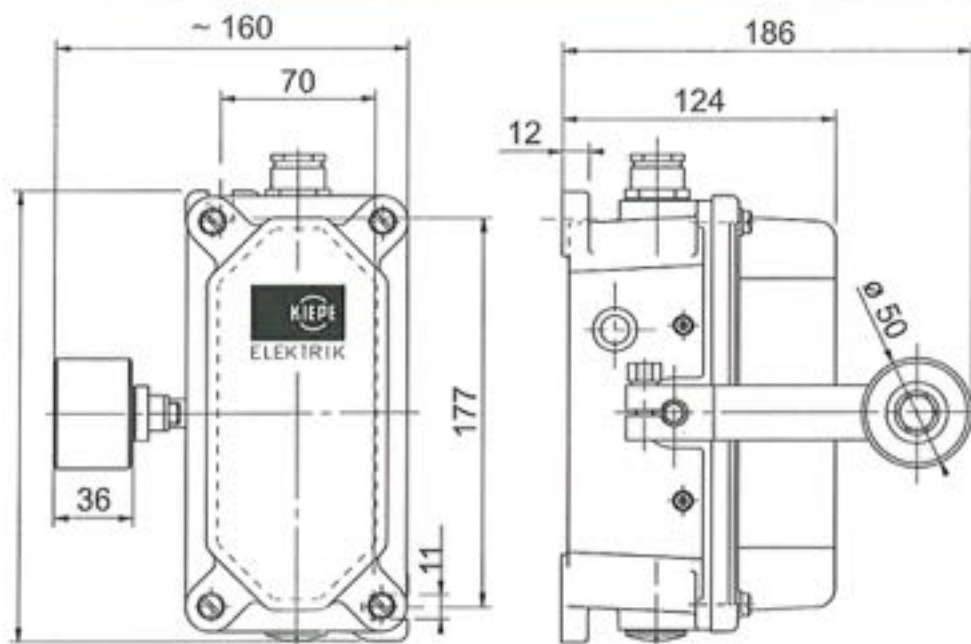
The roller lever with ball bearing is adjustable in steps of 12° on the shaft. Due to the toothing of shaft and roller lever (positiv drive) and the positiv making switching elements the REL meets the requirements for safety applications.

TECHNICAL DATA

Device complies with	EN 60947-5-1 EN 60204 VDE 0110
Enclosure	Cast iron (GJL 200)
Actuating roller lever	Roller: CuZn39Pb3, lever: stainless steel
Finish	2-component DD-tile enamel yellow, RAL 1004
Fastening	2 oblong holes for M10- bolts
Cable entry	2 x M 25 x 1,5
Protection	IP 65 according to EN 60529
Rated insulation voltage U_i	AC 230 V, DC 230 V
Earthing	Within enclosure, M 4
Admissible ambient temperature	- 25 °C ... + 70 °C
Switching elements	Snap acting switches, positive making
Number of contacts	2 Changeover contacts
Conventional thermal current I_n	6 A
Breaking capacity I_k / U_k	AC 15 / DC 12 : $U_k = A_c 240V$, $I_k = 1,5 A$
Connections	2,5 mm ² max.
Exursion	75° max.
Maintenance	Free
Ordering code	92.056979.606

Note: The devices may be used in control circuits only!

DIMENSIONS



Subject to change without notice.