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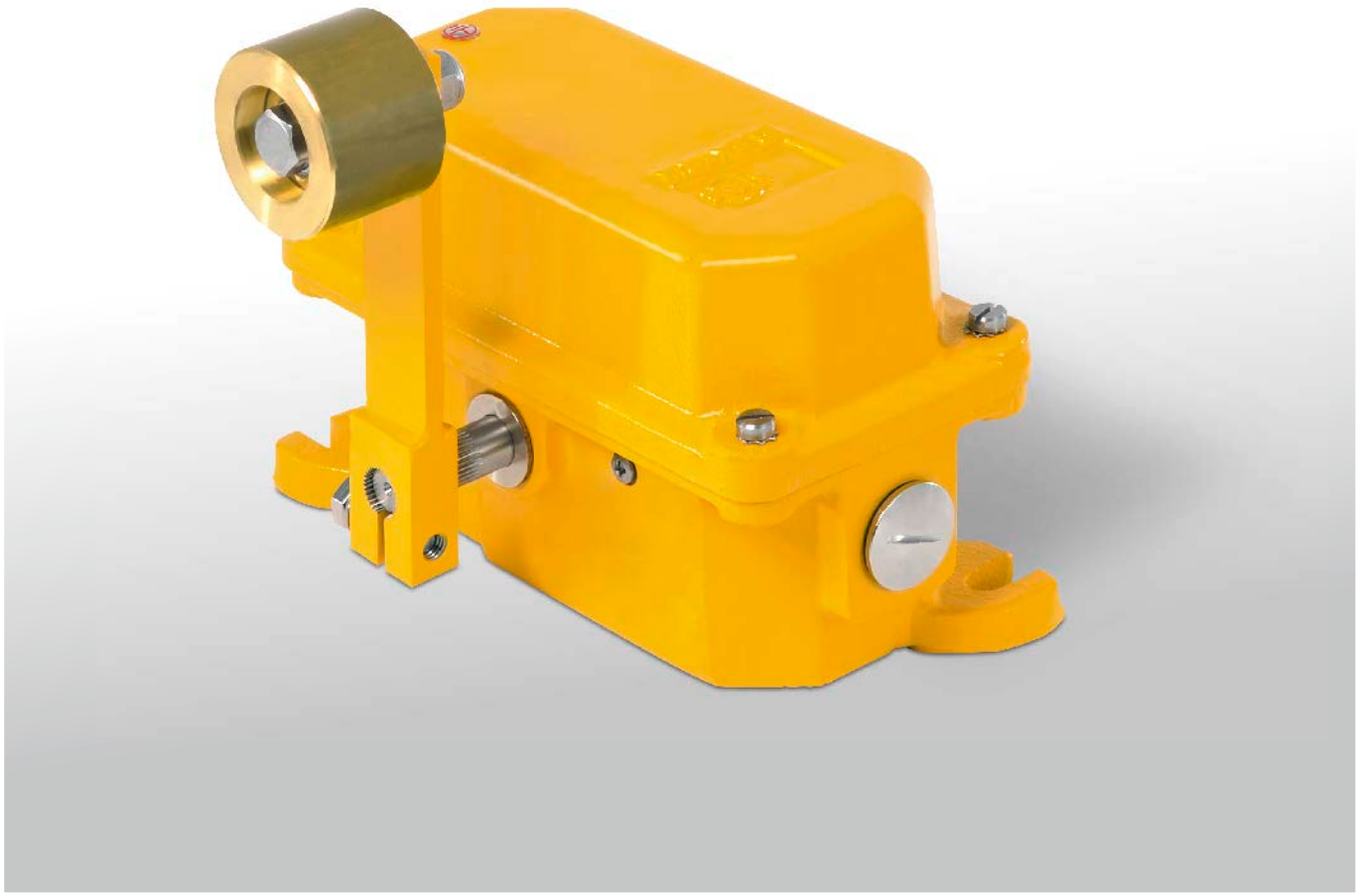
KIEPE ELEKTRIK

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°.

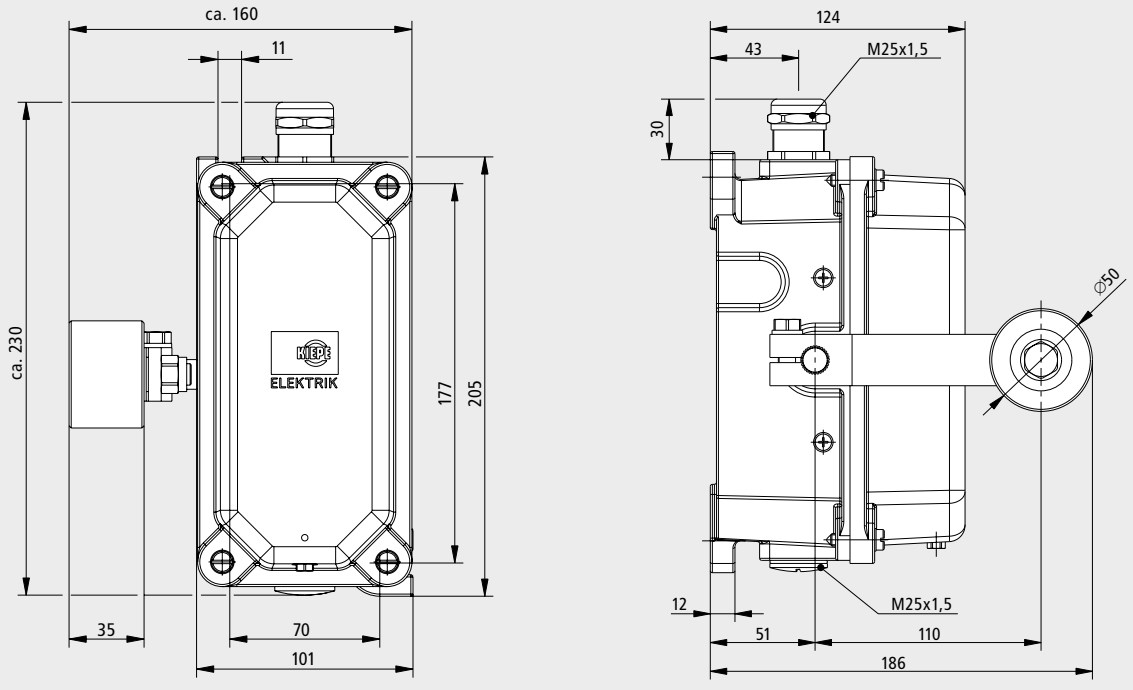
The roller lever with ball bearing is adjustable in steps of 12° on the shaft. Due to the toothing of shaft and roller lever (positive drive) and the positiv opening switching elements the REL meets the requirements for safety applications.

TECHNICAL DATA

Device complies with	EN 60947-5-1 EN 60204
Suited for	Control units and systems in low voltage applications (PLC- or BUS-control)
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 rating	IP 67 according to EN 60529
Rated insulation voltage U_i	AC 230 V, DC 230 V
Protective conductor connection	Within enclosure, M 4
Admissible ambient temperature	–25 °C ... + 70 °C
Switching elements	2 Changeover contacts, positive opening, self-cleaning
Conventional thermal current I_{th}	6 A
Utilization cathegory I_e /U_e	AC-15: 230 V / 1,5 V DC-13: 24 V / 2 A
Connection cross section	max. 2,5 mm²
Contact reliability	> 30.000 operations
Mechanical lifecycle	> 10.000 actuations
Exursion	75° max.
Installation position	horizontal preferred
Ordering code	92.056 979.606

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

DIMENSIONS



Subject to change without notice.

Kiepe Electric GmbH

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605/04–05/17