

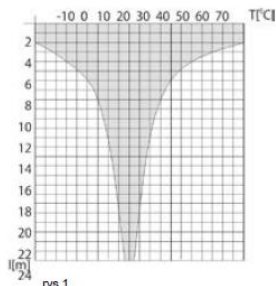
LIMIT SWITCHES LK-30, LK-40

DATA SHEET

no: KK-ŁK_LK-30_LK-40



The LK-30 and LK-40 pull cord switches enable stopping of the device they work with. The minimum length of the cord is 2m, while the maximum length 25m. All other available lengths depend on ambient temperature.



TECHNICAL DATA:



Parameter	Value
Rated insulation voltage U_i	500V
Rated switching voltage U_e	500V AC 220V DC
Rated continuous current I_U	16A
Rated switched currents I_e	AC15 – 4A DC13 – 0,5A
Rated impulse withstand voltage U_{imp}	6 kV
Type and the highest rating of a safety device that protects against the effects of short-circuit current impact	fuse-element gG16A
Mechanical life (in cycles)	LK-30 $0,8 \times 10^4$ LK-40 $0,35 \times 10^5$
Electrical endurance (switching)	LK-30 $0,8 \times 10^4$ LK-40 $0,35 \times 10^5$
Limited withstand current	1000 A
Force required to switch over [N]	min 165N
Rated frequency of switching per hour	300 switches/h
Cross-sections of conductors	Single-wire 1,5 ...4 mm ² Multi-wire 1,0 ...2,5 mm ²
Speed of the drive element	0,1 to 5 m/s
Ambient temperature	-25 to +40 °C
Protection class	IP 56
Travel of effective opening	Min. 4,3 mm Max. 6,5 mm
Operation of contacts	effective action

The product conforms to the following standard PN-EN 60947-5-1.

Working conditions

Design	Relative humidity of air	
	[%]	Temperature [K]
Moderate climate (standard)	50	+313
	90	+293
Tropical climate (special W3)	50-70	+313
	100	+303

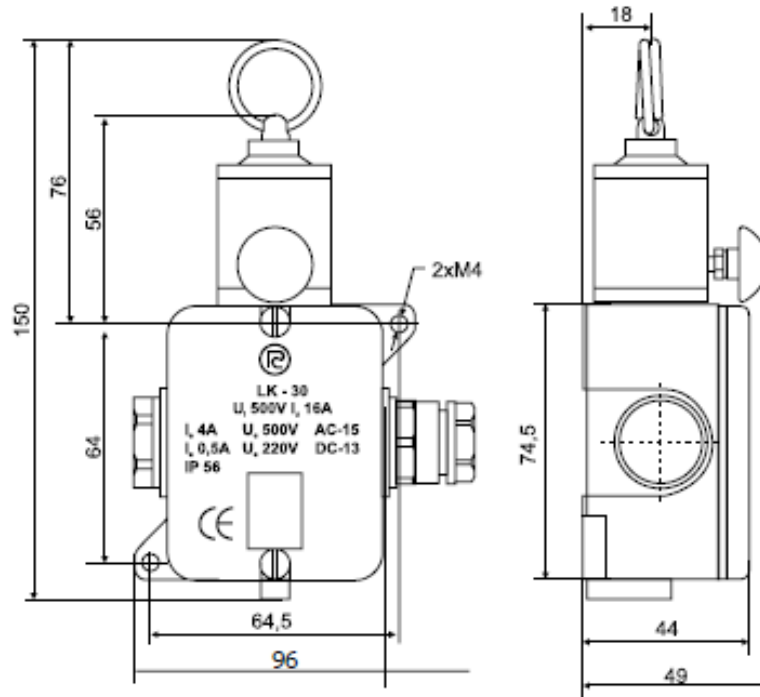
TYPES OF LIMIT SWITCHES LK-30, LK-40

Type of switch	Description	Climatic designs	Catalogue no.	Weight (g)
NC/NO PULL CORD SWITCH WITH A MECHANICAL LOCK RESET: BY PULLING THE BLUE LOCK				
	LK-30	standard	59-353012	266
		special	59-353016	
NC/NO PULL CORD SWITCH				
	LK-40	standard	59-354012	256
		special	59-354016	

¹ There are contacts that feature a close relationship between the sequences of their switching over, in the function of travel of the drive element. In the case of the NC/NO contact (non-overlay), the NC contact is the first to be opened, when the drive element is in travel. There is an area in which both contacts are open. The NO/NC contact (overlay) operates according to the principle that the first to close is the NO contact, when the drive element is in travel. Both contacts are closed along a certain section of travel of the drive element.

DIMENSIONS

LK-30



LK-40

