



The LOVATO ELECTRIC limit switches have been designed to satisfy requirements comprising quick installation, easy wiring, simple setup, modularity, sturdiness and constant reliability. The body cover is hinged at the bottom and removable.

The innovative locking bayonet mechanism permits to remove and reposition the operating head in the required configuration with no tools. The auxiliary contact blocks are removable assuring remarkable wiring ease.

- Replaceable actuator heads, 45° axial rotation of operating heads
- Direct operating operation; safety function according to IEC/EN 60947-5-1
- Ith 10A – IP65 – Ui 690 VAC – M20 cable entry

type	description		contacts
<b>KB series plastic body IP65 bottom entry (1 x M20)</b>			
KB A1 S11	top plunger	limit switch IP65	1NO+1NC
KB B2 S11	top roller plunger ( <i>metal</i> )	limit switch IP65	1NO+1NC
KB C2 S11	top plunger roller lever ( <i>metal</i> )	limit switch IP65	1NO+1NC
KB D2 S11	roller side push level ( <i>metal</i> )	limit switch IP65	1NO+1NC
KB E2 S11	rotating roller lever ( <i>metal</i> )	limit switch IP65	1NO+1NC
KB F2 S11	rotating roller lever ( <i>adjustable</i> )	limit switch IP65	1NO+1NC
KB H1 S11	ceramic rotating rod roller lever	limit switch IP65	1NO+1NC
KB L2 S11	rotating rod lever ( <i>adjustable</i> )	limit switch IP65	1NO+1NC
KB M1 S11	omni-directional wobble stick	limit switch IP65	1NO+1NC
KB P1 L11	hinge operating ( <i>short cylinder</i> )	limit switch IP65	1NO+1NC
KB P2 L11	hinge operating ( <i>long cylinder</i> )	limit switch IP65	1NO+1NC
<b>KN series metallic body IP65 side entry (2 x M20)</b>			
KN A1 S11	top plunger	limit switch IP65	1NO+1NC
KN B1 S11	top roller plunger	limit switch IP65	1NO+1NC
KN C1 S11	top plunger roller lever	limit switch IP65	1NO+1NC
KN E1 S11	rotating roller lever	limit switch IP65	1NO+1NC
KN F1 S11	rotating roller lever ( <i>adjustable</i> )	limit switch IP65	1NO+1NC
KN H1 S11	ceramic rotating rod roller lever	limit switch IP65	1NO+1NC
KN L2 S11	rotating rod lever ( <i>adjustable</i> )	limit switch IP65	1NO+1NC
KN M1 S11	omni-directional wobble stick	limit switch IP65	1NO+1NC
<b>Spare – contact blocks (<i>interchangeable</i>)</b>			
KX B S11	contact block	snap action	1NO+1NC
KX B S02	contact block	snap action	2 NC
KX B A11	contact block	slow break ( <i>make before break</i> )	1NO+1NC
KX B L11	contact block	slow break	1NO+1NC
<b>Safety limit switches (<i>slow break</i>)</b>			
KB Q1 L11	slotted lever actuator	safety limit switch	1 NO + 1 NC
KB N1 L11	key operated ( <i>straight key</i> )	safety limit switch	1 NO + 1 NC
KB N2 L11	key operated ( <i>angled key</i> )	safety limit switch	1 NO + 1 NC
<b>Spare keys for safety limit switches</b>			
KX N1	straight key	for safety limit switches	–
KX N2	angled key	for safety limit switches	–
KX N3	straight "T" key	for safety limit switches	–
KX N4	angled "T" key	for safety limit switches	–
<b>RS1 series rope operated limit switches</b>			
<ul style="list-style-type: none"> <li>• Double-insulated housing glassfibre-reinforced self extinguishing</li> <li>• Self-cleaning silver-alloy contacts</li> <li>• Snap action contacts</li> <li>• Thermal current: Ith:10A Ui: 250 VAC</li> <li>• Protection: IP65</li> <li>• Dimensions (H) 104 x (W) 30.5 x (D) 35 mm</li> </ul>			
			operating force (N)
<b>Non-latching rope operated limit switches (<i>snap action</i>)</b>			
RS11310	rope operated limit switch	( <i>non latching</i> )	25N 1NO+1NC
<b>Latching (hand reset) limit switches ISO 13850 compliant</b>			
RS131310	rope operated limit switch	( <i>latching/hand reset</i> )	25N 1NO+1NC