

Limit Switch (LSR)



Introduction

The LSR 4 way switch operates the control change-over contacts of a motor of a moving equipment. When the moving equipment, operating with a load, actuates the 300mm rods of the Limit Switch, the NO/NC contact elements change-over to control the equipment's movement.

Operation

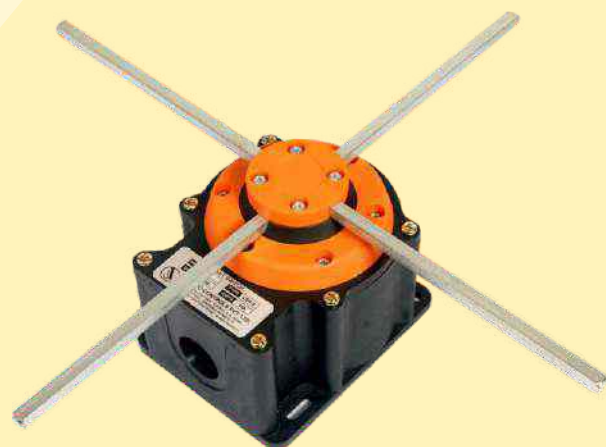
The contacts operate / change-over at 90° rotations. The limit switch has 4 position 0° - 90° - 180° - 270° operations used for single / two speed motor control. The Limit switch has 300 mm rods with 3 to 4 positions and 2 or 4 contacts.

For single-speed motor control

Description	Tune	Diagram
3-position with mechanical interlock	LSR 2S	A
3-position with mechanical interlock	LSR 22S	B
4-position rotary	LSR 4S	C
4-position rotary	LSR 5M	D
4-position rotary	LSR 5M1	E

For two-speed motor control

Description	Tune	Diagram
4-position with mechanical interlock	LSR 22D	F



Technical Data

Body Material	Thermo-plastic
Protection Degree	IP-65 protection rating according to IEC/EN 60529
Contact Material	Double break
Rated Voltage / frequency	690 V / 50HZ
withstand voltage	kV 4
Rated thermal current	10 A
Cable Entry	2.5Ø
Ambient Temperature	Operating -25° + 55° C Storage -30° + 70° C
Material Class	Class II IEC / En60497
Pollution Class	Class III IEC / En60497

