



1. APPLICATION

A limit switch (fig 1.1) is a switch operated by the motion of a machine part or presence of an object.

Used for controlling machinery as part of a control system, as a safety interlocks.

A limit switch is an electromechanical device that consists of an actuator mechanically linked to a set of contacts. When an object comes into contact with the actuator, the device operates the contacts to make or break an electrical connection.

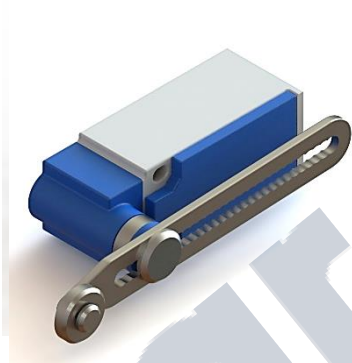


Figure 1.1

One limit switch is located in the release station, for possible emergency situations, when release stations cabinet doors open, switch activates alarms.

2. INSTALLATION

Limit switches comes assembled in release station.

Be sure the limit switch is not damaged.

End user is responsible for applying all safety precautions.

Please see fig2.1 or/and fig2.2 for sample of assembled limit switch.



Figure 2.1



Figure 2.2



3. GENERAL PROPERTIES

All necessary informations are given below at table 3.1.

GENERAL INFORMATION	
Contact	1NO + 1NC
Indiction Current (I_e)	3 A (240V AC)
Operating Tempurature	-25 to +80 °C
Isolation Resistance	10 M Ω (500 V DC)
Contact Movement	Impulse
U_i	500 V
U_{imp}	6 kV
Protection Rate	IP 65

Table 3.1 General information of limit switch 121

4. MAINTANANCE

If limit switch is found to be in a poor condition, (rusty, damaged, etc.), please contact manufacturer or recognised service company.

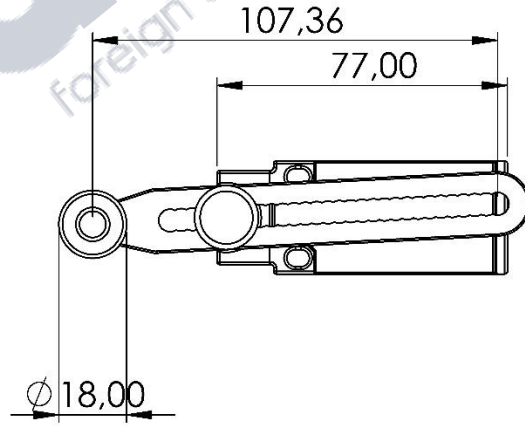
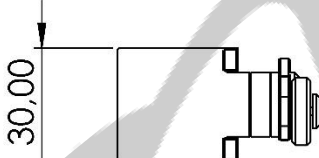
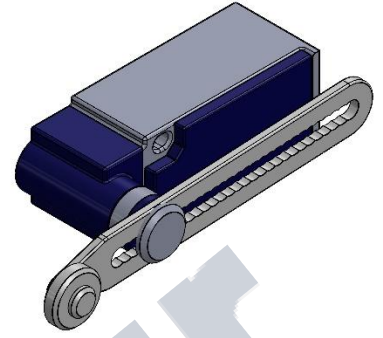
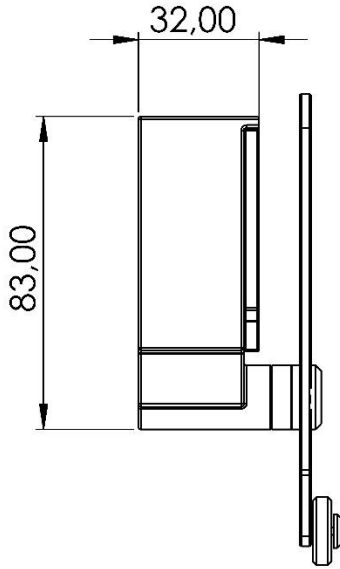
Annual inspections it is recommended that this is performed by persons specially trained in the maintenance of such systems, e.g. manufacturer or recognised service company.

Full maintenance should be performed by persons specially trained in the maintenance of such systems, e.g. manufacturer or recognised service company.


5. DIMENSIONS & TECHNICAL DRAWINGS

Please see following page for detailed technical drawings.

LIMIT SWITCH 122



COMMENT: LIMIT SWITCH 122 USED AT RELEASE STATION
NOTE: ALL DIMENSIONS ARE GIVEN AS MILLIMETERS

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