PRESSURE SWITCH

LF series are primarily used for ON/OFF pressure control applications and to regulate tank pressure between two preset values on the 3 phase electric air compressor. It is also available with an unloader valve which prevents startup under load, as well as an On/Off knob for manual compressor shutoff.

INSTALLATION GUIDELINES:

Flush the pipe system before fitting. Ensure that no stress is produced and all the fittings are properly sealed without any leakage.

A)Note the operating pressure, maximum pressure and temperature range.

B)DO NOT exceed the stated maximum working pressure. The sensing element will get permanently damaged if the pressure exceeds EVEN ONCE.

C)Ensure to hold the pressure connection hex nipple with a spanner and tighten it.

D)Use the device only for the specified medium(compressed air)

E)Avoid pressure shocks and excess deflection on the measurement systems.

INSTRUCTIONS:

A) The set point (cut-out pressure) and reset point (cut-in pressure) are adjusted by Range Screw ' P ' and Differential screw 'Δ P ' which are internally accessible.

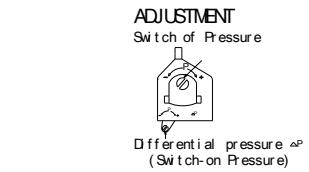
B) Open cover to access range and differential settings/adjustments.

C) Always use a Master Gauge to set the switching points.

RANGE ADJUSTMENT:

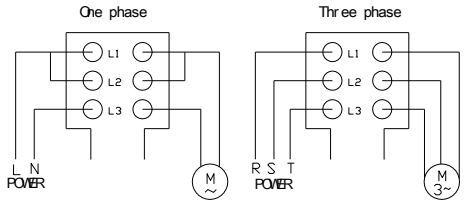
Rotating the range adjustment screw ' P ' to compress the spring will increase the switching point. Rotating it to de-compress the spring will decrease the switching point.

DIFFERENTIAL ADJUSTMENT:

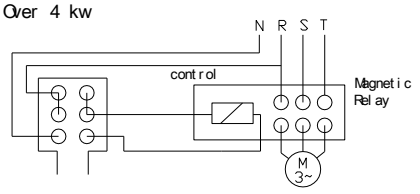


Electrical Installations

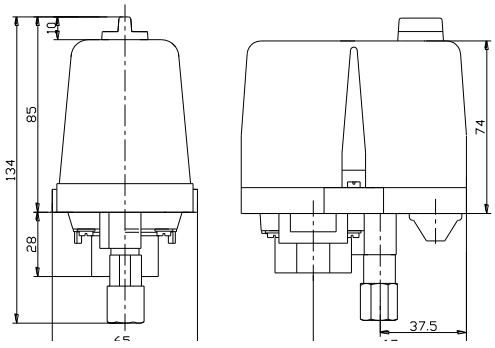
A) Up to 4 kw



B) Over 4 kw



Dimensions(mm)



Rotate the differential screw ‘△ P ‘ clockwise to increase the switching differential and anticlockwise to decrease the switching differential.