

Single Pressure Control



Introduction

Refrigeration equipment or air-conditioning equipment, automation systems of high and low limit control; The standard model for Freon, air, liquid and other non-corrosive media, Also can be used for ammonia refrigerant with a special specification. (Allowance fluid temperature -10°C/100°C) Provide international standard mounting bracket, can be installed any position on the system. SPDT switch contact to ensure reliable conversion. Standard models of the products, the material of bellows is copper, the pressure interface is brass; for ammonia refrigerant pressure bellows and pressure interface stainless-steel material.

Model Specification

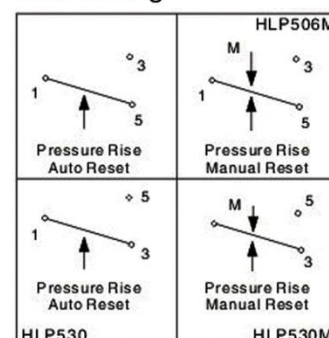
MODEL	RANGE (bar)		DIFFERENTIAL (bar)		FACTORY SETTING (bar)		MAX. BELLOWS PRESS (bar)
	Min.	Max.	Min.	Max.	Off	On	
L 506	-0.5	6	0.6	4	3	2	16.5
L 506M	-0.5	6	≤1		3	Manuel Reset	16.5
L 530D	5	30	3	10	20	15	33
L 530M	8	30	≤5		20	Manuel Reset	33

Scale plate use “bar” and “psig” units; Could be used “mpa” , “kgf/m² units also as customer require. Connection could as customer require use British unit flare(E), solder (C) and capillary(S), such as HL506E; Ammonia refrigerant model added a code B, such as HLP506B.

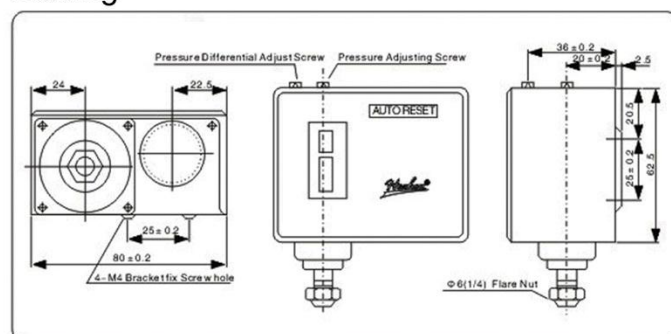
Electric Rating

Rated Voltage (V)		125V	250V	24V
Rated Amps (A)		A.C.	A.C.	D.C.
Non-Inductive Current		20A	10A	10A
Inductive	Full Load Current	15A	8A	8A
Current	Locked Rotor	72A		64A

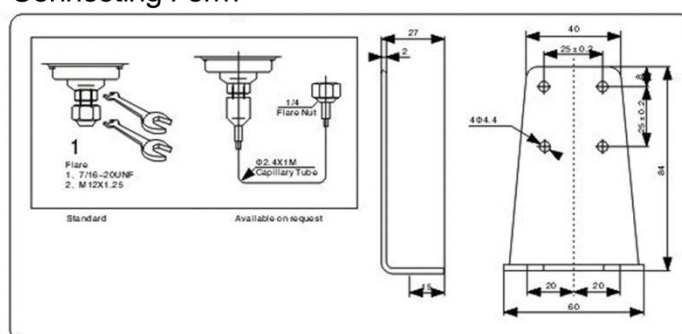
Connecting



Drawing



Connecting Form



Notice : Thread connection to use two wrenches to prevent damage to control weld joints.
Can be directly with the control back four M4 screw installed in the unit;
The multi-purpose; Panels can also be install.

Double Pressure Control



Characteristic

HLP series pressure control in the refrigeration and air-conditioning systems, for general control or high-low limit control. The standard model for Freon, air, liquid and other non-corrosive media. Also can be used for ammonia refrigerant with a special specification. (Allowance fluid temperature -10°C/100°C) Provide international standard mounting bracket, can be installed any position on the system. SPDT switch contact to ensure reliable conversion. Standard models of the products, the material of bellows is copper, the pressure interface is brass; for ammonia refrigerant pressure bellows and pressure interface stainless-steel material.

Model Specification

MODEL	Low Pressure		High Pressure		Reset Pressure		Factory Setting			
	Pressure Adjust Range	Differential	Pressure Adjust Range	Differential	Low Pressure	High Pressure	Low Pressure		High Pressure	
							Off	On	Off	On
L830	-0.5 ~ 6	0.6 ~ 4	8 ~ 30	3 ~ 5 (Fix)	Auto	Auto	3	2	20	15
L830HM	-0.5 ~ 6	0.6 ~ 4	8 ~ 30	≤5	Auto	Manual	3	2	20	Manual Reset
L830HLM	-0.5 ~ 6	≤1	8 ~ 30	≤5	Manual	Manual	3	Manual Reset	20	Manual Reset

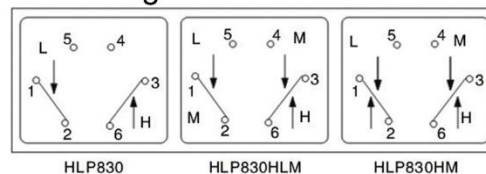
Maximum bellows testing pressure: Low 16.5 bar, high 33 bar. Scale plate use "bar" and "psig" units; Could be used "mpa", "kgf/m²" units also as customer require.

Connection could as customer require use British unit flare(E), solder(C) and capillary(S), such as HLP830E; Ammonia refrigerant model added a code B, such as HLP830B.

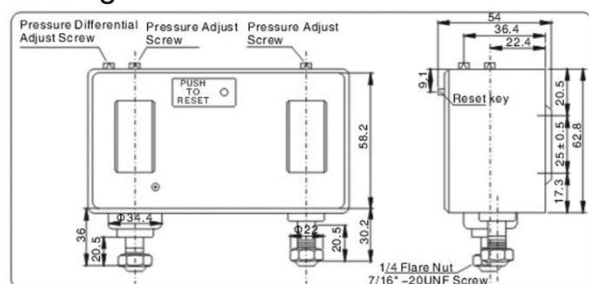
Electric Rating

Rated Voltage (V)		125V	250V	24V
Rated Amps (A)		A.C.	A.C.	D.C.
Non-Inductive Current		20A	10A	10A
Inductive	Full Load Current	15A	8A	8A
Current Locked Rotor		72A		64A

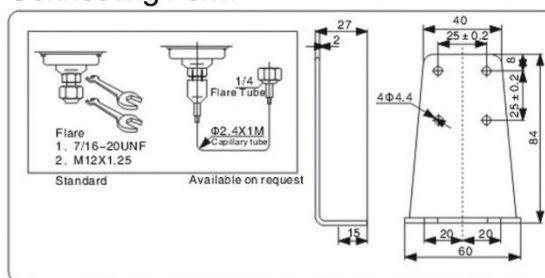
Connecting



Drawing



Connecting Form



Notice : Thread connection to use two wrenches to prevent damage to control weld joints.

Can be directly with the control back four M4 screw installed in the unit;

The multi-purpose; Panels can also be install.

HLD35T Series Defferential Pressure



Introduction

HLD35T series of delay differential pressure control is a protection control, it can effectively protect the compressor oil pressure and always maintain a high-pressure state, so as to avoid damage to the compressor crankshaft due to short of oil; If the oil pressure within the prescribed time to reach the set pressure value, the controller will immediately cut off the power, stop compressor work.

Specification

MODEL	Differential adjust range		Switch Difference	Factory Setting	Delay Time	Max. Work Pressure
	Min.	Max.				
HLD35T	0.5	4	≤0.4	1	90s	16.5
HLD35TH	0.5	4	≤0.4	1	90s	33

Electric Rating

Rated Voltage (V)		125V A.C.	250V A.C.	24V A.C.
Rated Amps (A)				
Non-Inductive Current		20A	10A	10A
Inductive Current	Full Load Current	15A	8A	8A
	Locked Roter	72A		64A

Contact Function

1	Heater Loop	Common Point
110		Electric Source
220		AC220
L1	Motor Loop	Pressure Difference reduce "off"
L2		

Contact Form

1	Common Point	
1 -- 3	Pressure Difference Increase "on"	
1 -- 5	Pressure Difference reduce "on"	
↑	Pressure Difference Increase Drection	

Operating Diagram

