

HP32x DISCHARGE PRESSURE CONTROL

NOTES:

- Inputs are volt free contacts using internal 12 Vdc supply.
- To ensure that internally fitted suppressors work correctly, connect line voltages to terminals prefixed LN and the corresponding loads to terminals prefixed DQ. Ensure neutral is connected to terminal marked N.
- Multifunction output 1 (selected by item 66).
0 = Split circuit operation
1 = General alarm output
- Multifunction output 2 (selected by item 5170).
0 = Watchdog
1 = Enable adiabatic cooling
- Input 4 was inverter healthy. This function was disconnected on v0.00.2.
- Relay 4 is NOT a suppressed output.
- Ethernet connection on HP320 only.
- Multifunction temperature input (selected by item 135).
0 = Condenser Inlet
1 = Liquid

			
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ISSUE	DESCRIPTION	APP'D	DATE
3	ADDED NOTES 4 & 5	MJK	05/20
2	JNET ZONE TEXT CORRECTED	MJK	04/19
4	ADDED NOTE 8 AND UPDATED INPUTS	MJK	08/20
TITLE: HP32x DISCHARGE PRESSURE CONTROLLER			
PROJ.	DRG No:	SHT	OF
	05173	1	1
DRG TYPE:		ISS. 4	
CONNECTIONS DIAGRAM			

Analogue Connections		
OUTPUT		
AQ1	0-10 V	Fan Speed
AQ2	0-10 V	Not used
INPUT		
AI1	TP501	Condenser Exit Temperature
AI2	TP501	Multifunction Input Temperature (See note 8)
AI3	4-20 mA	Discharge Pressure
AI4	4-20 mA	Liquid Pressure
Digital Connections		
OUTPUT (See note 2)		
DQ1	Suppressed	Run Fans
DQ2	Suppressed	Multifunction Output 1 (see note 3)
DQ3	Suppressed	Multifunction Output 2 (see note 4)
DQ4	Unsuppressed	High Discharge Pressure (see note 6)
INPUT (See note 1)		
DI1	Volt Free	Auto
DI2	Volt Free	Plant OK
DI3	Volt Free	Condenser Healthy
DI4	Volt Free	Adiabatic Cooling Healthy (see note 5)

