

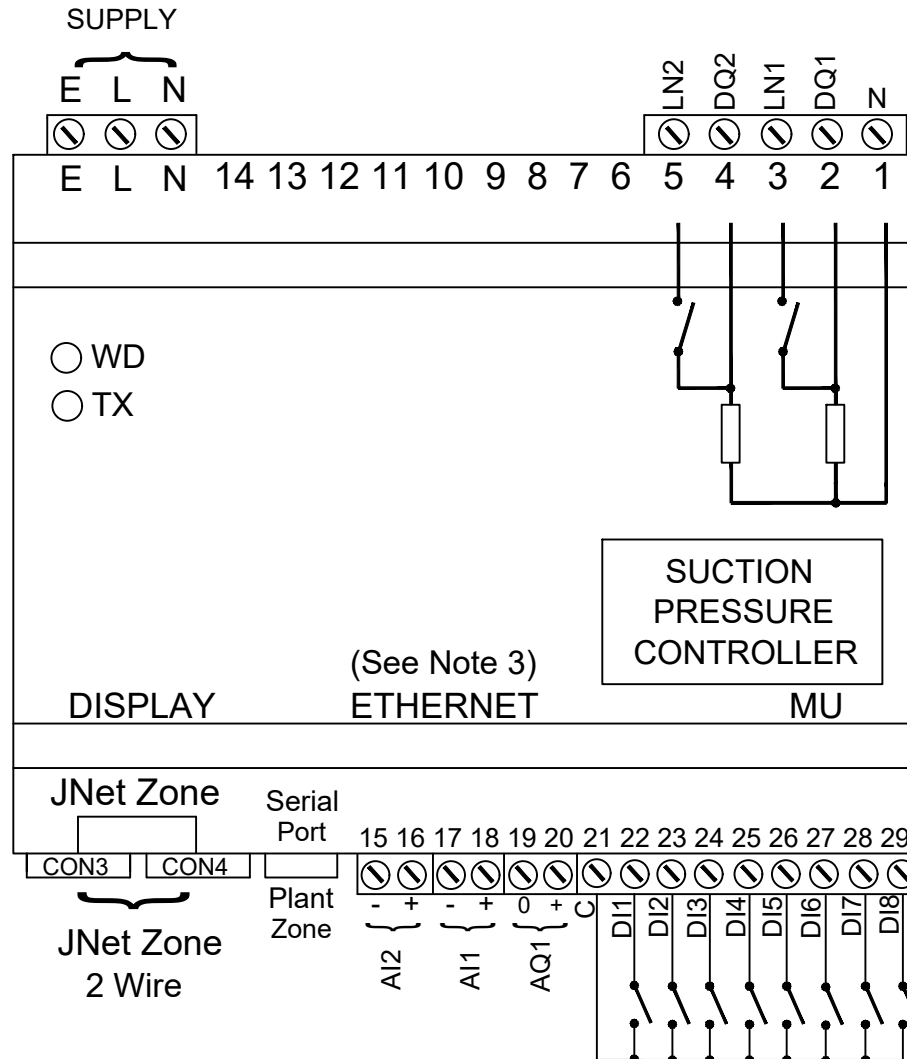
LP410, LP411 & LP412 COMPRESSOR CONTROL CONNECTION DIAGRAM

Digital Connections

OUTPUT		
DQ1	Suppressed	Watchdog
DQ2	Suppressed	General Purpose Output (See Note 4)
INPUT		
DI1	Volt Free	Auto/Manual
DI2	Volt Free	High Discharge Pressure
DI3	Volt Free	Enable Optimiser
DI4	Volt Free	Low Refrigerant
DI5	Volt Free	Low Oil Level
DI6	Volt Free	Plant Fault
DI7	Volt Free	Not used
DI8	Volt Free	Not used

Analogue Connections

OUTPUT		
AQ1	0-10V	Not used
INPUT		
AI1	4-20mA	Suction Pressure
AI2	4-20mA	Not used



NOTES:

- Inputs are volt free contacts using internal 15V dc 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.
- Ethernet on LP410 and LP412
- The function of the general purpose output is selectable on item 166.
 - High suction pressure
 - General alarm



JTL SYSTEMS LTD
41 KINGFISHER COURT, HAMBRIDGE RD,
NEWBURY, BERKSHIRE: RG14 5SJ
TEL: 01635 263646 FAX: 01635 263647

ISSUE	DESCRIPTION	APP'D	DATE
6	ADDED LP411 & LP412	MJK	04/21
5	ADDED NOTES 3 & 4	MJK	03/18
4	ADDED PLANT FAULT TO D16	MJK	09/13

TITLE:			
LP41x SUCTION PRESSURE CONTROLLER			
PROJ.	DRG No:	SHT	OF
	04082	1	1
ISS.	6		