

UP110 COMPRESSOR & CONDENSER PRESSURE CONTROLLER CONNECTION DIAGRAM

Digital Connections

OUTPUT

DQ1	Unsuppressed	Alarm
DQ2	Suppressed	PWM - Digital Scroll
DQ3	Suppressed	Run Compressor 1
DQ4	Suppressed	Run Compressor 2
DQ5	Suppressed	Run Compressor 3

INPUT

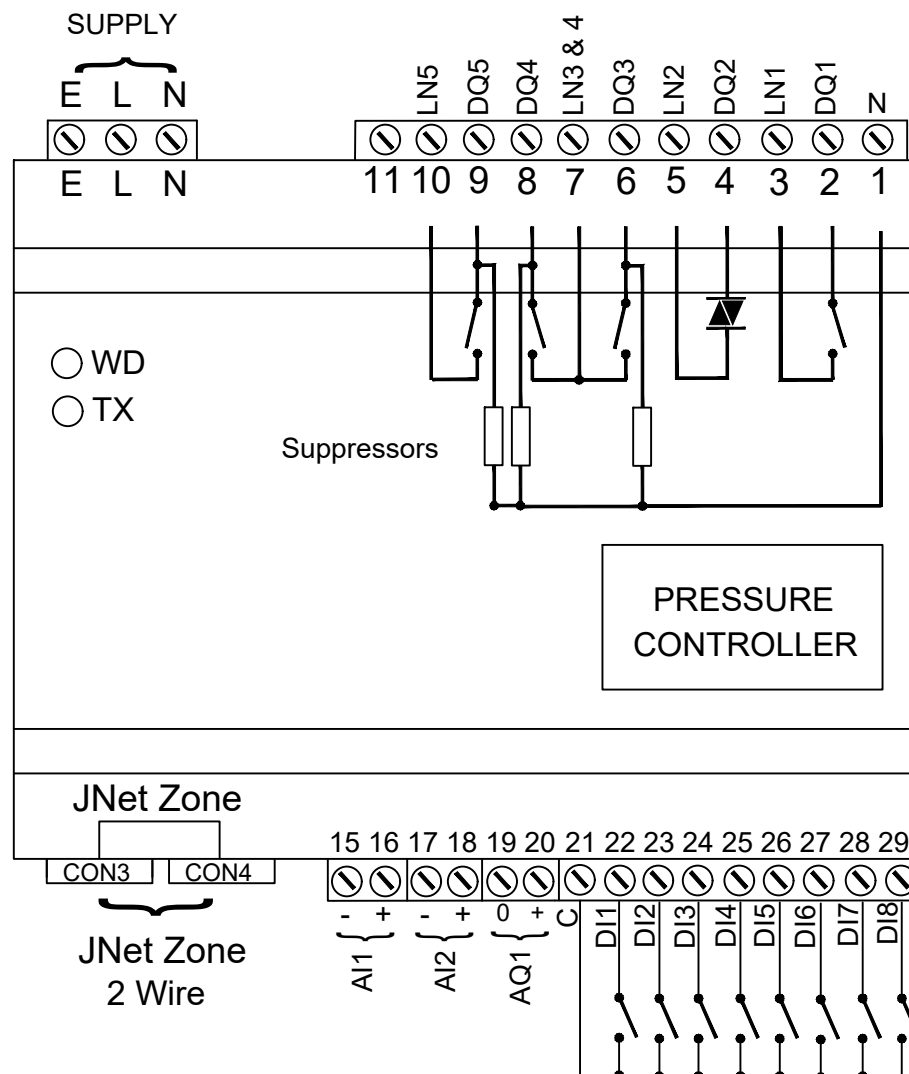
DI1	Volt Free	Auto/Manual
DI2	Volt Free	Compressor 1 Available to Run
DI3	Volt Free	Compressor 2 Available to Run
DI4	Volt Free	Compressor 3 Available to Run
DI5	Volt Free	Unused
DI6	Volt Free	Plant Ok
DI7	Volt Free	Condenser Healthy
DI8	Volt Free	Low Liquid Level

Analogue OUTPUT

AQ1	0-10V	Fan Speed
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Analogue INPUT

AI1	4-20mA	Suction Pressure
AI2	4-20mA	Discharge Pressure



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.



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ISSUE	DESCRIPTION	APP'D	DATE
3	ANALOGUE INPUTS AI1 & AI2 REVERSED	MJK	01/19
2	UPDATED DIGITAL CONNECTIONS	MJK	11/17
1	ORIGINAL ISSUE	MJK	08/17

TITLE: UP110
COMPRESSOR & CONDENSER PRESSURE
CONTROLLER CONNECTION DIAGRAM

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	04832	1	1	3