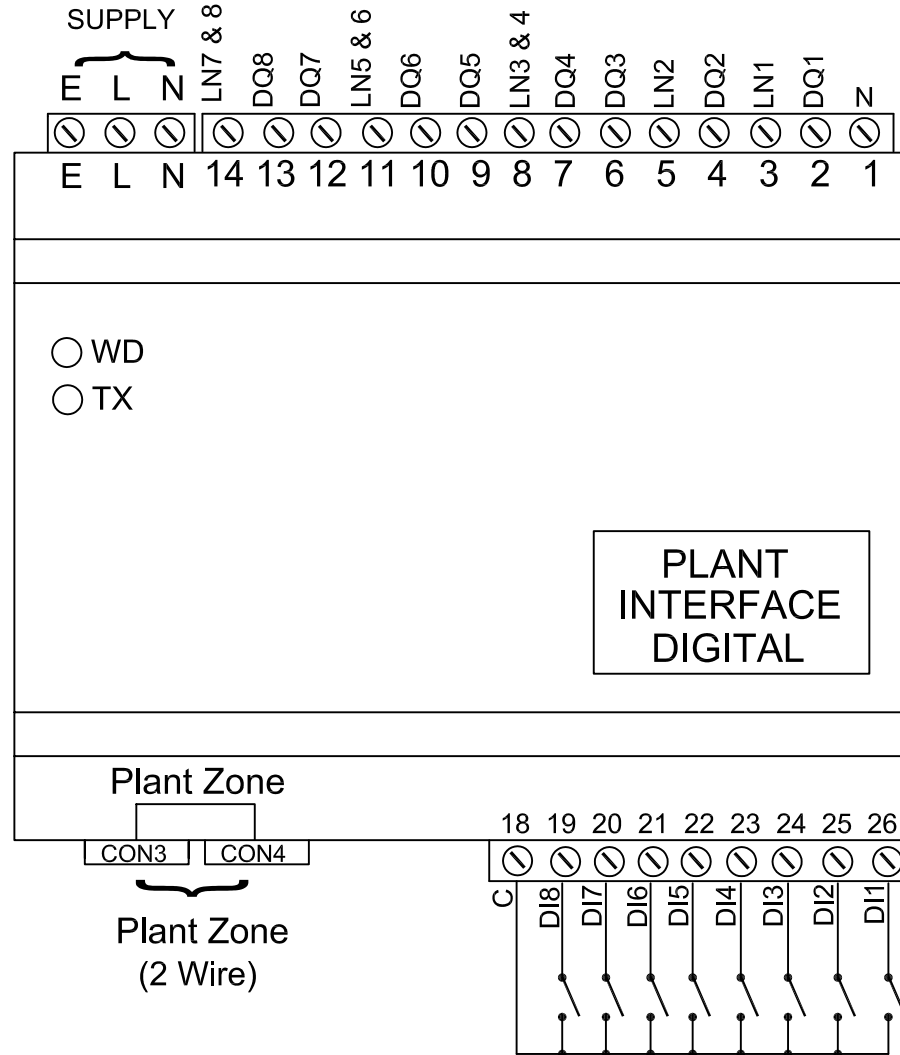


IF31 COMPRESSOR CONTROL INTERFACE 2 APPLICATION DRAWING FOR USE WITH LP4xx

Digital Connections

OUTPUTS (See Note 7)		
DQ1	Suppressed	Compressor Control 9
DQ2	Suppressed	Compressor Control 10
DQ3	Suppressed	Compressor Control 11
DQ4	Suppressed	Compressor Control 12
DQ5	Suppressed	Compressor Control 13
DQ6	Suppressed	Compressor Control 14
DQ7	Suppressed	Compressor Control 15
DQ8	Suppressed	Compressor Control 16
INPUTS (See Note 6)		
DI1	Volt Free	Staged Compressor 9 Available to Run
DI2	Volt Free	Staged Compressor 10 Available to Run
DI3	Volt Free	Staged Compressor 11 Available to Run
DI4	Volt Free	Staged Compressor 12 Available to Run
DI5	Volt Free	Not used
DI6	Volt Free	Not used
DI7	Volt Free	Not used
DI8	Volt Free	Not used

CONFIGURATION		
ITEM	VALUE	FUNCTION
30	2	INTERFACE NO
37	3	COMMUNICATIONS PROTOCOL MODBUS RTU
36	4	COMMUNICATIONS 9600 BAUD



NOTES:

1. Inputs are volt free contacts using internal 15V ac supply.
2. 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.
3. Interface must be configured according to function using JTL Maintenance Unit.
4. Item 36 must be set to 9600 baud.
5. Up to 2 IF31 can be used.
6. Inputs on Interface 2 are for compressors 9-12.
7. Outputs are programmable for compressor run & unloader see items 510 to 629.



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ISSUE	DESCRIPTION	APPD	DATE
3	UPDATED DIGITAL CONNECTIONS	MJK	06/17
2	ADDED LP45x	DLT	03/17
4	AMENDED LP4xx TEXT HEADING	MJK	01/18

TITLE:
**IF31 COMPRESSOR CONTROL INTERFACE 2
APPLICATION DRAWING**

PROJ.	DRG No: 04244	SHT 1	OF 1	ISS. 4
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