

IF31 COMPRESSOR CONTROL INTERFACE 1
APPLICATION DRAWING
FOR USE WITH LP4xx

Digital Connections

OUTPUTS (See Note 7)

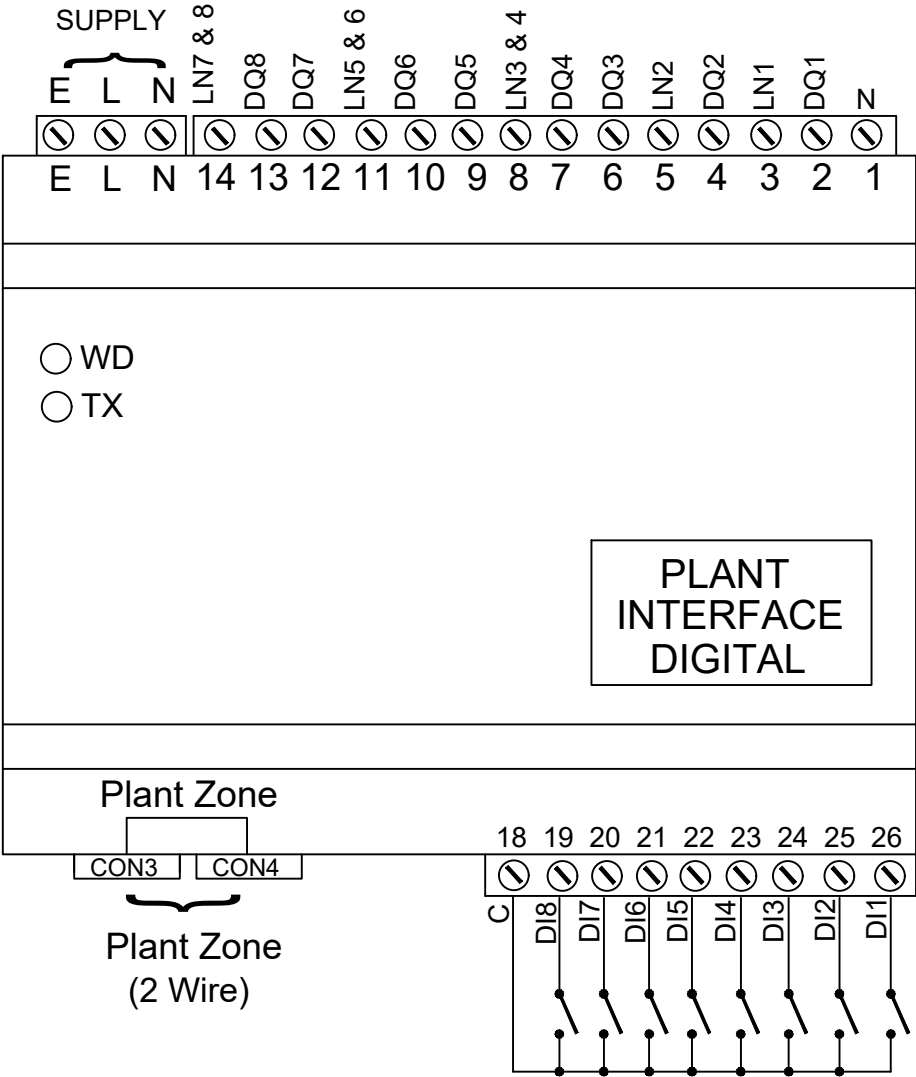
DQ1	Suppressed	General Purpose 1
DQ2	Suppressed	General Purpose 2
DQ3	Suppressed	General Purpose 3
DQ4	Suppressed	General Purpose 4
DQ5	Suppressed	General Purpose 5
DQ6	Suppressed	General Purpose 6
DQ7	Suppressed	General Purpose 7
DQ8	Suppressed	General Purpose 8

INPUTS (See Note 6)

DI1	Volt Free	Staged Compressor 1 Available to Run
DI2	Volt Free	Staged Compressor 2 Available to Run
DI3	Volt Free	Staged Compressor 3 Available to Run
DI4	Volt Free	Staged Compressor 4 Available to Run
DI5	Volt Free	Staged Compressor 5 Available to Run
DI6	Volt Free	Staged Compressor 6 Available to Run
DI7	Volt Free	Staged Compressor 7 Available to Run
DI8	Volt Free	Staged Compressor 8 Available to Run

CONFIGURATION

ITEM	VALUE	FUNCTION
30	1	STAGED COMPRESSORS (1)
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 1 are for compressors 1-8.
7. Outputs are programmable see items & user guide for the main pack controller.



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ISSUE	DESCRIPTION	APP'D	DATE
2	ITEM 30 CONFIG UPDATED & NOTE 7	MJK	04/19
1	ORIGINAL ISSUE	MJK	06/17

TITLE:
IF31 COMPRESSOR CONTROL INTERFACE 1
APPLICATION DRAWING

PROJ.	DRG No:	SHT	OF	ISS.
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