

IF66 LT TRANSCRITICAL PLANT INTERFACE
APPLICATION DRAWING

Analogue Connections

OUTPUT		
AQ1	0-10V	Ambient Rejector Fan
AQ2	0-10V	Ambient Rejector Bypass
INPUT		
AI1	TP501	Suction Temperature
AI2	TP501	Discharge Temperature
AI3	TP501	Not used
AI4	TP501	Not used

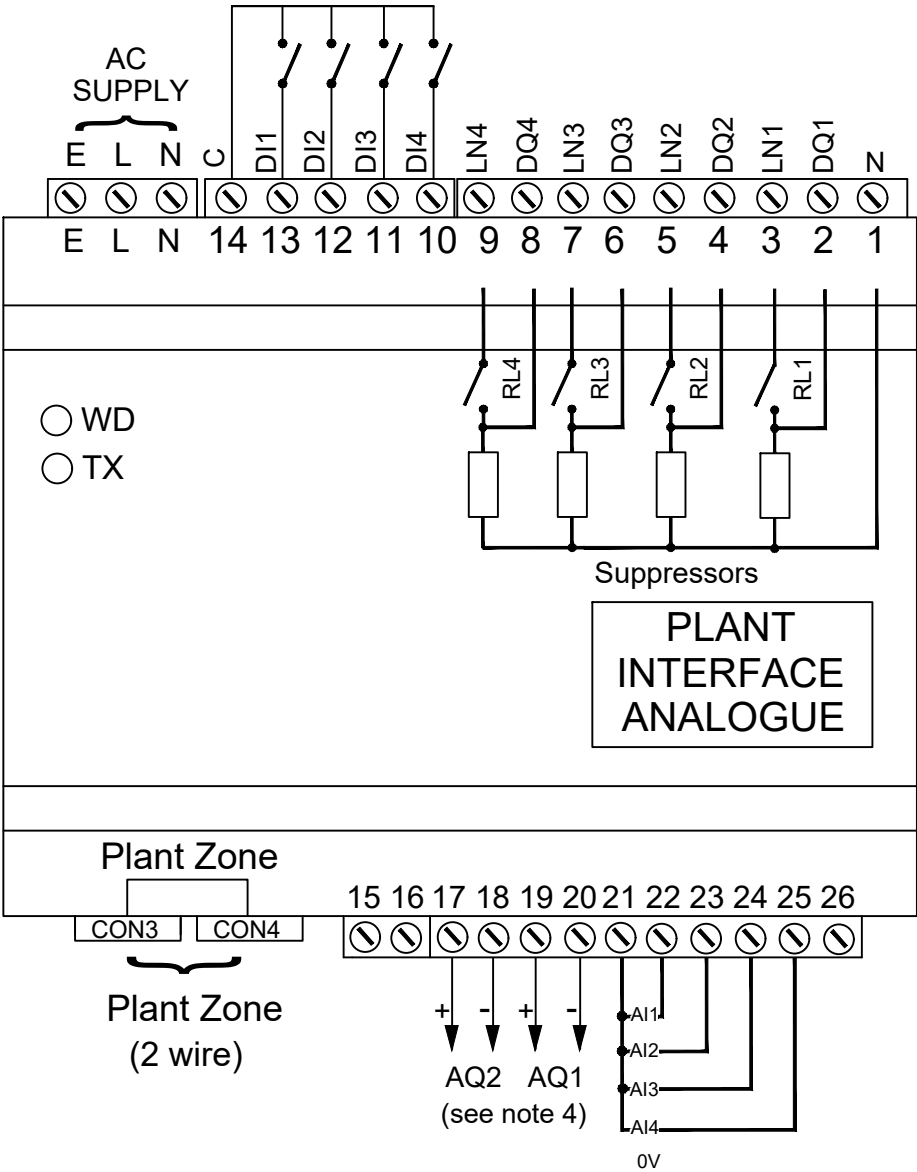
Digital Connections

OUTPUT (See Note 2)		
DQ1	Suppressed	Run Ambient Rejector Fan
DQ2	Suppressed	Enable Ambient Rejector Bypass
DQ3	Suppressed	Not used
DQ4	Suppressed	Not used
INPUT (See Note 1)		
DI1	Volt Free	Ambient Reject Fan OK
DI2	Volt Free	Ambient Reject Bypass OK
DI3	Volt Free	Not used
DI4	Volt Free	Not used

CONFIGURATION (See Note 3)		
ITEM	VALUE	FUNCTION
30	5	AMBIENT REJECTOR
37	3	COMMUNICATIONS PROTOCOL MODBUS RTU
36	4	COMMUNICATIONS 9600 BAUD

SEE ITEM NUMBERS OR USER GUIDE
FOR ADDITIONAL SETTINGS

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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 function and backup settings must be configured according to application using JTL Maintenance Unit.
4. On issue 1 builds (prior to 11/18) Link Terminals 18 & 20.



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ISSUE	DESCRIPTION	APP'D	DATE
3	ADDED NOTE 4 & AMENDED OUTPUTS	MJK	12/18
2	D INPUT ORDER CORRECTED	MJK	10/18
4	ITEM 30 CONFIG UPDATED	MJK	04/19

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