

Application Drawing for compressor control using IF31 with Pack Controller EPLT

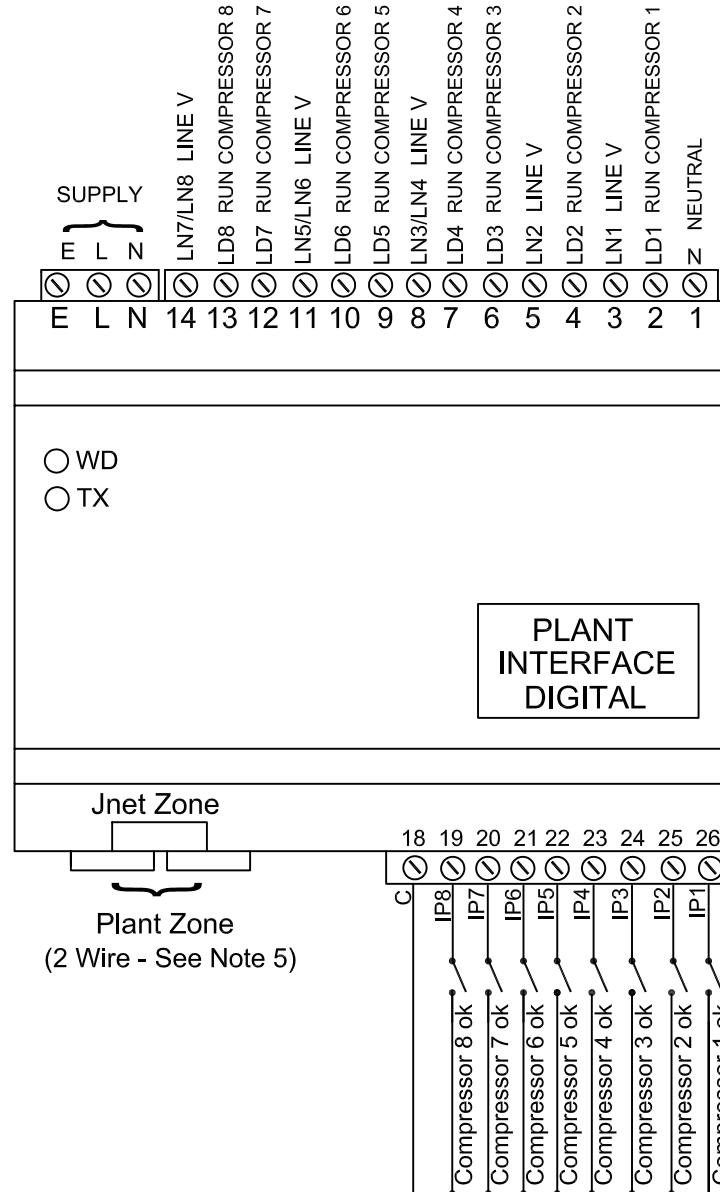
Description:

JTL Plant Control Interface comprising 8 opto-isolated mains digital inputs and 8 suppressed non-changeover relay outputs.

A JTL Maintenance Unit is used to configure this product.

CONFIGURATION A (7 outputs)		
ITEM	VALUE	FUNCTION
31	3	INTERFACE TYPE
30	1	INTERFACE No
37	1	COMMUNICATIONS PROTOCOL
36	4	COMMUNICATIONS 9600 BAUD

CONFIGURATION B (8 outputs) See Note 6		
ITEM	VALUE	FUNCTION
31	3	INTERFACE TYPE
30	1	INTERFACE No
41	3	SECONDARY INTERFACE TYPE
40	2	SECONDARY INTERFACE No
37	2	COMMUNICATIONS PROTOCOL
36	4	COMMUNICATIONS 9600 BAUD



NOTES:

- To ensure that internally fitted suppressors work correctly, connect line voltages to terminals prefixed LN and the corresponding loads to terminals prefixed LD. Ensure neutral is connected to terminal marked N. Terminal 1 must have control supply neutral connected to it.
- Backup settings, to be used if serial data bus communications fail, are set on items 32 & 33.
- Interface must be configured according to function using JTL Maintenance Unit.
- Note Item 909 on the EP Controller must be set to match Item 36. 9600 baud is recommended. The firmware version of the EP controller must support 2 wire operation.
- The plant zone must be 2 wire. The IF31 CANNOT be mixed with 4 wire IF modules.
- Configuration B is only allowed for 8 compressors. If there are more than 8 compressors a 2nd IF31 is required see drawing No. 03745. Input 8 & output 8 should not be used in this situation.



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

ISSUE	DESCRIPTION	APPD	DATE
1	ORIGINAL ISSUE	MJK	10/10

TITLE:
**COMPRESSOR INTERFACE FOR
PACK CONTROLLERS EPLT**

PROJ.	DRG No:	SHT	OF	ISS.
	03744	1	1	1

THIS IS AN UNCONTROLLED COPY - UNLESS STAMPED WITH CONTROLLED COPY STAMP