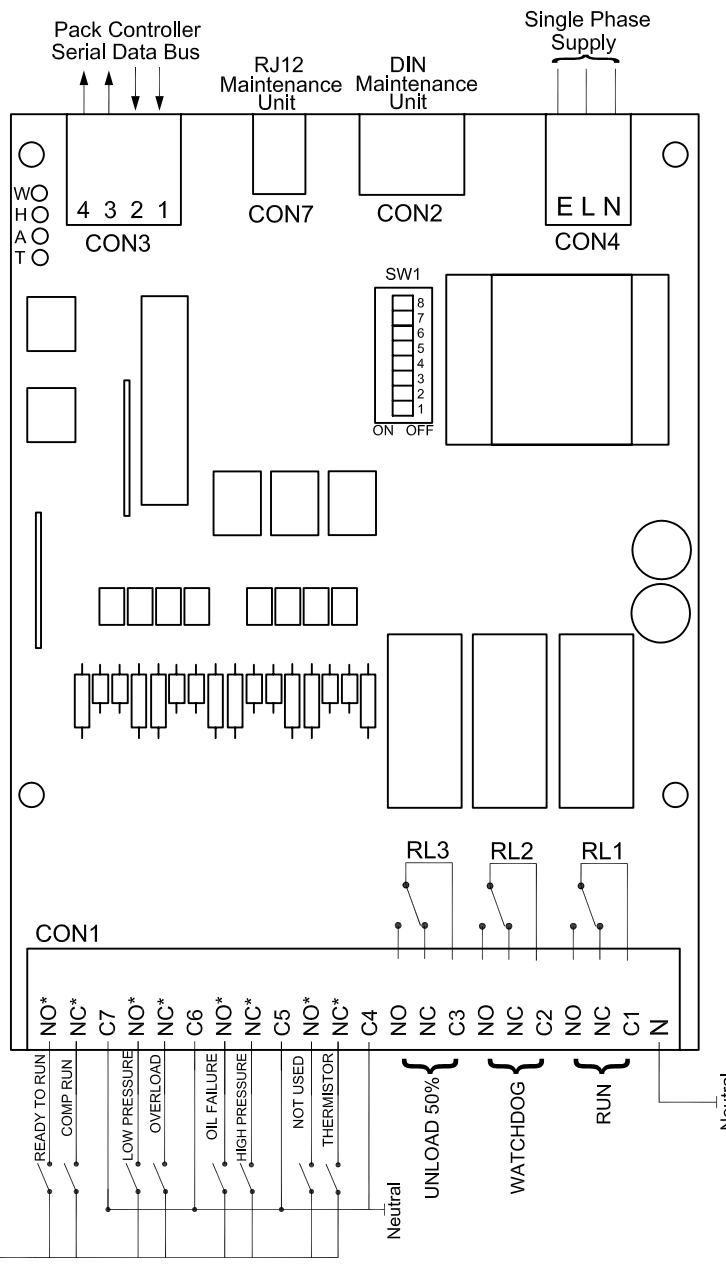## IF12 Application Drawing for Single Compressor control (up to 2 stage)
FOR LINDE STYLE PACK CONTROL

Description:

JTL Plant Control Interface comprising
8 opto-isolated mains digital inputs and
3 suppressed changeover relay outputs.
A JTL Maintenance Unit is used to configure
this product.

Pack Controller Serial Data Bus

RJ12 Maintenance Unit

DIN Maintenance Unit

Single Phase Supply

W O
H O
A O
T O

4 3 2 1
CON3

CON7

CON2

E L N
CON4

SW1
8
7
6
5
4
3
2
1
ON   OFF

RL3   RL2   RL1

CON1

NO* NC* C7 NO* NC* C6 NO* NC* C5 NO* NC* C4 NO NC C3 NO NC C2 NO NC C1 N

READY TO RUN
COMP RUN
LOW PRESSURE
OVERLOAD
OIL FAILURE
HIGH PRESSURE
NOT USED
THERMISTOR
UNLOAD 50%
WATCHDOG
RUN
Neutral

Neutral

Line

Configuration

Interface Type Item 31	Interface No. Item 30
3	0 - 9**

**Upto 10 compressors can co-exist.
Compressor 1 = 1
Compressor 2 = 2
Compressor 10 = 0
etc

NOTES:

1. Input states as follows:
   Closed contact = Running, Ready, Fault
   Open contact = Not running, Not ready,
                      No fault

2. Output contacts shown de-energised.

3. C4, C5, C6, C7 must have neutral
   connected to them, and their 'NO' and 'NC'
   terminals (marked *) are used for inputs
   as shown.

4. C1, C2, C3 must have line connected to
   them and their respective 'NO' and 'NC'
   terminals must have corresponding load
   connected. This ensures the correct
   operation of internally fitted supressors.

5. Switch SW1 controls the output relays
   if the pack control serial data bus fails.
   Switch closed (ON) = corresponding relay
   energised.

6. For non-Linde packs use alternative
   drawing 02785.

7. A JTL Maintenance Unit is required to
   configure this interface.

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1	ORIGINAL ISSUE	MJK	09/02

TITLE:
IF12
Compressor Interface for Linde Pack Controllers

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