OUTPUTS

FUNCTION	CPDL	CPDC	ND110
WATCHDOG			O/P1 (RL1)
DIFFERENTIAL PRESSURE VALVE	O/P1 (RL1)	O/P1 (RL1)	O/P2 (RL2)
COOL GAS VALVE	O/P2 (RL2)		See note 1
SAT. GAS TEMPERATURE REGULATOR		O/P2 (RL2)	See note 1

Note 1.   The cool gas and saturated gas temperature regulator functions are <u>NOT</u> supported on the ND110.

INPUTS

FUNCTION	CPDL	CPDC	ND110
AUTO (PLANT FAILED)	I/P1	I/P1	I/P1 See note 2
LOW LEVEL LIQUID	I/P2	I/P2	See note 3

Note 2:   Input rewiring is necessary. The inputs on CPDL & CPDC require a voltage free contact across the input terminals whereas the input for ND110 requires a line voltage (230 Vac) and neutral for input operation.

Note 3:   The low level liquid alarm function is not supported on the ND110. If this is required a separate plant card (PA410) should be used.

Plant Zone Comms for Interface Cards

Note the wiring of the plant zone communication connections is different on the ND110 compared with CPDx controller.

Connections are as follows:

	CPDx CON5	ND110 CONNG
Tx+	2	4
Tx-	1	3
Rx+	4	2
Rx-	3	1

IF3 Interface Switch Settings

Changes in the switch settings for SW1 are required.

DEFROST SYSTEMS	CPDx		ND110	
	SW2	SW1	SW2	SW1
1 - 7	xOCC	2	xOCC	1
8 - 14	xOCC	3	xOCC	2
15 - 21	xOCC	4	xOCC	3
22 - 28	xOCC	5	xOCC	4
29 - 35			xOCC	5
36 - 42			xOCC	6
43 - 48			xOCC	7

x = don't care
0 = open
C = closed

Note, IF3 may be replaced with IF13. This unit requires programming with the JTL maintenance unit. Item 31 (the SW2 equivalent) set to 4 and item 30 is set as SW1.

ND110 Programming

Use the item number information for the ND110 to program the defrost schedules and other functions.

Associated Documents

Application drawing	Doc No. 01771
Application drawing	Doc No. 02023
Application drawing	Doc No. 02779
Connections diagram	Doc No. 01529
Installation information	Doc No. 02505
Item numbers	Doc No. 01779
Schematic diagram	Doc No. 01532

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