

The LCDC-SPR is a spare parts kit which is used to replace the following obsolete JTL products as a spare part:

**ECDC
LCDC**

The LCDC-SPR comprises of the following parts:

- 1 x LCDC P2 controller
- 1 x CAB40-05 7 to 5 pin display converter cable

Some rewiring is necessary when replacing the obsolete ECDC with the LCDC-SPR affecting the output connections. For full details see below.

The LCDC-SPR is a controller for dual evaporator chiller cabinets where one evaporator provides a cold air curtain for the cabinet. The LCDC-SPR provides the functionality of the former ECDC product, as such it requires to be set up correctly to achieve the functionality desired. The attached user guide gives full details of programming information to set up the controller.

OUTPUT CONVERSION

FUNCTION	LCDC (See note 1)	ECDC
CABINET LIGHTS	1 NO 1 LN	
FANS/HEATER	2 NO 2 LN	
LIQUID SOLENOID	3 NO 3 LN	CONNA 4 CONNA 3
DEFROST	4 NO 4 LN 4 NC	CONNA 2 CONNA 1
Not used	5 NO 5 LN 5 NC	

NOTE 1: Rewire as shown, ensure wiring to LN is rewired to LN which requires crossover. LN must be connected to the line voltage and NO/NC to the load to ensure correct EMC operation.

Applicable Documentation

- Connections Diagrams: Doc No. 01740 & Doc No. 02291
- Fixing Details: Doc No. 00645
- Installation Information: Doc No. 01662
- Item Numbers: Doc No. 01135
- Schematic Diagram: Doc No. 01373
- User Guide: Doc No. 01380

LCDC INPUT CONVERSION

Temperatures

No rewiring is necessary, sensor connections can be directly swapped (plugged in)

INPUTS

LCDC Jnet Communications Conversion

The LCDC-SPR and the original ECDC controller are fitted with 3 pin DIN sockets for Jnet Network connection. Thus no rewiring is necessary.

LCDC Display Connections

The display connection on the LCDC-SPR uses a 7 pin connector. To convert the 5 pin display to this connection, use the CAB40-05 cable supplied with the LCDC-SPR.

Controller Setup

To ensure compatibility when replacing the original part with an LCDC-SPR, action a factory default setting procedure (Item 9) before setting in the new data.