



## NETWORK SYSTEMS DP300 Series Defrost Coordinator



**Provides centralised defrost coordination for JTL controlled fixtures.**



- Networked product
- Controls all defrost methods
- Sequences defrost for up to 72 evaporators
- Supports upto 48 defrost system groups
- Battery supported real-time clock
- Remote alarm facility
- Set-up parameters maintained for restart

### Product Data

#### Product Description

JTL DP300 coordinators provide centralised control for the defrost of refrigerated fixtures. Defrost instructions are communicated on a JTL network to JTL evaporator defrost controllers that support coordinated defrost.

The JTL evaporator defrost controllers are connected to a JTL network. Defrost instructions and status information are communicated on the network. The evaporator defrost controllers can be grouped into defrost systems and the coordinator initiates defrost simultaneously in all controllers in a defrost system. The evaporator defrost controllers can terminate defrost locally and the DP300 will return the system to normal refrigeration once all controllers have terminated or when the pre-set maximum defrost period has been reached.

#### Remote Access

The DP300 can be programmed and the schedule can be viewed/adjusted locally or remotely.

#### Coordinated Defrost

Each evaporator raises a demand for defrost on the network depending on a programmable number of defrosts a day. The defrosts are coordinated by the DP300 according to rules that are entered into the DP300 such as the number of concurrent defrosts on a particular electric phase.

#### PREDICT Defrost

JTL evaporator defrost controllers that support PREDICT defrost can be used with this coordinator, but the PREDICT function will be disabled. To enable PREDICT defrost, a DP400 coordinator is required.

## Hardware

|                                   |   |
|-----------------------------------|---|
| JTL Display drive .....           | 1 |
| Relay contact outputs .....       | 0 |
| Voltage free contact inputs ..... | 0 |

## Technical Specification

|   |                        |
|---|------------------------|
| Communications port .....               | RS485 2 wire           |
| Communications protocol .....           | JTL Jnet zone protocol |
| Unit dimensions boxed (H x W x D) ..... | 105x 120x 79 mm        |
| Unit weight boxed .....                 | 0.30 kg                |
| Power supply (standard) .....           | 230 V 48-62 Hz         |

## Ordering Information

|             |                    |
|-------------|--------------------|
| DP312 ..... | for 12 evaporators |
| DP324 ..... | for 24 evaporators |
| DP348 ..... | for 48 evaporators |
| DP372 ..... | for 72 evaporators |



This unit conforms with the relevant EU standards when fitted in accordance with its installation instructions.

### JTL Systems Limited

**Head Office**  
**Technical Support Centre**  
**Monitoring Centre**

**tel:** 44 (0)1635 263646  
**tel:** 44 (0) 871 3157535  
**tel:** 44 (0)871 3157531