



## NETWORK SYSTEMS DP100 Series Defrost Coordinator



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



- Networked product
- Controls all defrost mediums
- 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 DP100 coordinators provide centralised control for the defrost of refrigerated fixtures. Defrost instructions are communicated on a JTL network to JTL evaporator controllers that support coordinated defrost.

The JTL evaporator controllers are connected to a JTL network, defrost instructions and status information are communicated on the network. The evaporator controllers can be grouped into defrost systems and the coordinator initiates defrost simultaneously in all controllers in a defrost system. The evaporator controllers can terminate defrost locally and the DP100 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 DP100 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 DP100 according to rules that are entered into the DP100 such as the number of concurrent defrosts on a particular electric phase.

#### PREDICT Defrost

JTL evaporator controllers that support PREDICT defrost can be used with this coordinator, but the PREDICT function will be disabled. To enable PREDICT defrost, a DP200 coordinator is required.

## Hardware

LED display .....	1
Relay contact outputs .....	0
Voltage free contact inputs .....	0

## Technical Specification

Communications port .....	RS485 2 wire
Communications protocol .....	JTL Jnet zone protocol
Display pushbutton 1 .....	Select function
Display pushbutton 2 .....	Scroll display
Display pushbutton 3 .....	Enter selection
Unit dimensions boxed (H x W x D) .....	260 x 260 x 80 mm
Unit weight boxed .....	5 kg
Power supply (standard) .....	230 V 48-62 Hz

## Ordering Information

DP112 .....	for 12 evaporators
DP124 .....	for 24 evaporators
DP148 .....	for 48 evaporators
DP172 .....	for 72 evaporators



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

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