



NETWORK SYSTEMS DP400 Series PREDICT Defrost Coordinator



Provides centralised defrost coordination for JTL controlled fixtures with PREDICT defrost.



- 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 DP400 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 JTL PREDICT defrost and JTL 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 DP400 will return the system to normal refrigeration once all controllers have terminated or when the pre-set maximum defrost period has been reached.

PREDICT Defrost

JTL evaporator defrost controllers that support PREDICT defrost can be used with this coordinator. Each evaporator raises a demand on the network for defrost which is prioritised as coordinated by the DP400 according to the rules that are entered into the DP400 such as the number of concurrent defrosts on a particular electric phase.

A DP400 PREDICT coordinator is required on the network to enable the PREDICT function to work in the evaporator defrost controllers.

Remote Access

The DP400 can be programmed and the schedule can be viewed/adjusted locally or remotely.

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

DP412	for 12 evaporators
DP424	for 24 evaporators
DP448	for 48 evaporators
DP472	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