



NETWORK SYSTEMS DP200 Series PREDICT Defrost Coordinator



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



- 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 DP200 coordinators provide centralised control for the defrost of refrigerated fixtures. Defrost instructions are communicated on a JTL network to JTL evaporator controllers that support JTL PREDICT defrost and JTL 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 DP200 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 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 DP200 according to the rules that are entered into the DP200 such as the number of concurrent defrosts on a particular electric phase.

A DP200 PREDICT coordinator is required on the network to enable the PREDICT function to work in the evaporator controllers.

Remote Access

The DP200 can be programmed and the schedule can be viewed/adjusted locally or remotely.

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

DP212	for 12 evaporators
DP224	for 24 evaporators
DP248	for 48 evaporators
DP272	for 72 evaporators



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

JTL Systems Limited

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