For on-site and remote temperature monitoring applications (single fixture)

- Networked product
- Alarms on high and/or low temperatures
- Plant failure alarm input
- Defrost input
- Self detect defrost mode
- Defrost overrun alarm
- Door switch input
- Set up parameters maintained for restart
- Alarm inhibit input

Product Data

Temperature Monitoring

The TA220 monitors/alarms up to 2 temperatures with a range between -40°C and +100°C (normal sensor) and 0°C to 149°C (hot sensor).

Alarms

The TA220 will monitor and alarm on high and/or low temperatures and plant failure. The TA220 monitors coldroom door open and will alarm, if a pre-defined door open delay period is exceeded. Temperature alarms are inhibited during defrost and defrost recovery. Alarm parameters and delay periods are configurable on-site or remotely.

Remote Access

If operating within a JTL Network, alarm parameters and alarm settings can be viewed and adjusted remotely.

Hardware

Temperature sensor inputs 2
Sensor types supported .... 5 kohm NTC thermistor/Hot sensor
Optically isolated high voltage inputs 2

Technical Specification

Temperature sensor input 1 .... Air On
Temperature sensor input 2 .... Air Off or Evaporator

Temperature measuring range .... -40°C to +100°C (normal sensor)
                                                      0°C to +149°C (hot sensor)
Alarm threshold setting range .... -99.9°C to +99.9°C

Input 1   .... Defrost
Input 2   .... Plant healthy/Door closed/Alarm inhibit

Communications port .... RS485 2 wire
Communications data rate .... 4800 baud
Communications protocol ....JTL Jnet zone protocol

Unit dimensions boxed (L x W x H) .... 140 x 140 x 43 mm
Unit weight boxed .... 0.33 kg

Power supply (standard) .... 230 V 48-62 Hz

Ordering Information

TA220 .... Complete unit boxed

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

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