



## MONITORING SYSTEMS TA210 Temperature Monitor



### 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

### Product Data

#### Temperature Monitoring

The TA210 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 TA210 will monitor and alarm on high and/or low temperatures and plant failure. The TA210 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
Temperature sensor input 3 .....	Not used
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
Input 3 .....	Not used
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
(optional) .....	110 V

## Ordering Information

TA210 .....	Complete unit boxed
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### Power Supply Options:

For 110 V append -110 to order code



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

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