



## MONITORING SYSTEMS CA110 Condensing Unit Monitor



### For on-site and remote temperature monitoring of condensing units

- Networked product
- Alarms on low discharge to suction differential temperature during run time
- Plant failure alarm inputs
- Set up parameters maintained for restart



#### Product Data

##### Temperature Monitoring

The CA110 monitors the suction & discharge temperatures.

##### Alarms

The CA110 will alarm on low discharge to suction differential temperature and plant failure. The differential temperature alarm is inhibited when the compressor is not running. 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 .....	3
Sensor types supported .....	5 kohm NTC thermistor
Optically isolated high voltage inputs .....	5

## Technical Specification

Temperature sensor input 1 .....	Suction temperature
Temperature sensor input 2 .....	Discharge temperature
Temperature sensor input 3 .....	Condensing temperature

Temperature measuring range .....	-40°C to +130°C (normal sensor)
Alarm differential setting range .....	20°C to 40°C

Input 1 .....	Condensing unit required to run
Input 2 .....	Compressor contactor energised
Input 3 .....	Programmable for up to 3 fault inputs
Input 4 .....	Programmable for up to 3 fault inputs
Input 5 .....	Programmable for up to 3 fault inputs

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 48-52 Hz
(optional) .....	24 V

## Ordering Information

CA110 .....	Complete unit boxed
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### Power Supply Options:

For 24 V append -24 to order code



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

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