

Sensors



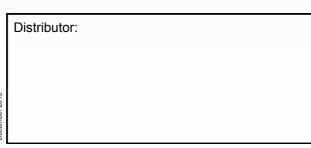
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Tomporatura 9 Humiditu	Dart No. IC UM	Tomporature & Door Contact Bort No. 16 TS DC
 For use in environments where there is level of dust, fumes, steam or smoke un normal conditions. Detects increase in temperature above 8 Built-in temperature sensor, reports an range from -40°C to +85°C, with accura 	der 50°C analogue measurement	Combined standard temperature and door position sensor, includes 2.5 metre terminated lead with FCC68 connector. Part No: IC-TS-DC • Combined standard temperature and door position sensor, includes 2.5 metre terminated lead with FCC68 connector.
 Smoke & Temperature Infrared light technology for fast detect temperature measurement can be set vindividual low, high, pre-alarm and rate Can be linked or independent from the detection. 	vith of change	Door Contact Part No: IC-DC Detects the door contact position, includes mini DIN through jack and disc magnet for use with cabinet handles.
 Light level & Door contact sensor Combined light level and door position sor, includes 2.5 metre terminated lead FCC68 connector. 		 i-PDU Part No: IC-PDU-2-16-BK Monitored 12-way PDU with voltage, current, kWh, fuse and manual switch monitoring. 12-way PDU has smart start up based on delay and current settings for faster restarts. Sockets are individually controlled and fused.
Flow & Temperature Easy to install, adjustable position Accurate measurement Compact interface and transmitter Long life Monitors critical air flow continuously Suitable in a wide range of applications is air intake measurements, heating / ventions.	Part No: IC-LQF Including fan control, illation systems	Pressure & Temperature • Detects shock intensity caused by sudden knocks or faulty ball-bearings • User-defined profile for customer specific applications • Plug and play capability. • Easily installed and fixed to a variety of materials • LEDs visually indicates activation etc
Voltage	Part No:	Mains Present Monitoring Part No: IC-MI • Monitors the availability of mains power, includes 2.5 metre terminated lead with FCC68 connector.
General i/o expander	Part No:	General i/o Module Part No: IC-IO • Provides enhanced control functions for 2 digital inputs and one volt-free relay. • Inputs can be linked with IF > THEN statements • Can trigger scripts and individual email messages.
Temperature	Part No: IC-TS	i-BOX Environmental Only Part No: IC-I-BOX-E • Ethernet control with LAN And WAN support built in temperature, humidity and light sensors with 14 connectors for AX smart sensor
i-BOX Access & Exception Monitoring	Part No: IC-I-BOX	i-BOX A—Access Only Part No:

Part No: IC-INT-V **Vibration & Shock**

- sensor detects shock intensity caused by sudden knocks or continuous vibration due to faulty ball-bearings
- user-defined profile for customer specific applications and equipment.
- installed and fixed to a variety of materials
- · LED visually indicates activation.

• specifically designed for safes, suitable for short range and substantial airflow.

Intrusion/ Movement PIR

with cutters or other means.

- will sense entry through the side and front panels
- threshold values can be adjusted centrally allowing adjustments for specific site conditions.

Part No: IC- AMP-100 Fan Fail Sensor for Fan Tray Part No: IC-MFT **Power Monitoring**

- Mains clamp provides current measurement incl monitoring of minimum, maximum, rate of change and pre alarm.
- Can be clamped onto existing power cables
- Available as 10, 50, 100 and 500 Amp

• Fixed temperature alarm and fan fail sensor including 2.5metre terminated lead with FCC68 connector



Part No: IC-INT-P

Part No: IC-FEX **Dust Particle** Part No: IC-DPS Fan Speed

- 3 wire fans and monitors the actual rotation speed of the fan.
- Alarms can be set for high, low, pre-alarm and change.



- Measures the dust particle size and quantity
- · Provides an analogue measurement with low, high, pre and change alarm settings
- Includes 2.5m terminated lead with FCC68 connector



Part No: IC-10-8

Enhanced dust particle/ smoke Part No: IC -DPS

- LED's on the front of the unit clearly indicate online, fan speed stable, reading and cleaning function.
- Calibration function allows for specific monitoring of various applications
- Self-cleaning function, ideal for harsh environments and minimises maintenance.



Allows monitoring of 8 inputs from third party equipment like UPS contacts and 8 relay outputs for control /switching of other equipment.

- Volt-free, relays are normally open or normally closed.
- The inputs can be set as normally open, normally closed and with EOL monitoring.



Alarm interface Part No: IC-AI

- · Automatically arm and disarm alarm systems, based on
- presence counter—2 inputs and 1 output



Flood sensor

8 i/o expander

- Provides early detection of leaks and floods
- Dual-detection cable to sense water at any point along its five metre length and provides analogue data measurements
- 2 fast blow fuses for electrical safety



Part No: IC-ASB

Dual Feed Power switcher Part No: IC-DFS

 Dual feed power switch automatically switches power allowing an iBOX to be powered from an iPDU and external power supply to provide redundancy.

Beacon Sounder

- The beacon and sounder provide local alarms depending on software settings
- The front unit has an ear-piercing 100DB with a bright flashing beacon and is normally set for 2 minutes.
- The back beacon can be set, timed or permanent until the alarm has been acknowledged or can be



General Analogue Interface Part No: IC-GA

 Universal 0-5 input module for 3rd party environmental sensors, includes 2.5m terminated lead with FCC68 connector



 Combined Fan &Temperature sensor Includes 2.5m terminated lead with FCC68 connector



Part No: IC-INT-DC

Part No: IC-FEX **FireTecPro**

 iBOX interface for FireTecPro fire extinguishing system enables remote monitoring and isolation of the unit.



Door/ Panel Position Sensor

 Detects the position of the side panels or doors, includes 2.5m terminated lead with FCC68 connector and disc magnet for connection to ports 1-14 on iBOX

