



- Monitors refrigeration temperatures are within safe limits
- Monitors correct equipment operation
- Factory programmed window limits
- Direct replacement for Neon indicator
- Thermistor temperature sensor
- Blue LED indicates normal temperature
- Red LED indicates too hot
- Red + Blue LED indicates too cool
- Convenient snap-in design
- Fast-on 6.3mm terminals
- Bezel size 32 x 14mm

▶ APPLICATIONS

- Deep freeze monitoring - visual check of correct temperature
- Cold storage monitor - visual check of correct temperature
- Refrigeration monitoring - visual check of correct temperature
- Chiller monitor - visual check of correct temperature
- Air conditioning - status indicator
- Equipment check - without having to know exact temperature

▶ OPERATION

Upper and lower temperature limits can be factory programmed to suit the application.

The smart indicator operates like a standard neon indicator, giving visible status indication for the appliance or application. Normal operation will show continuous Blue LED illumination (contact factory for other colours) while the monitored temperature is within the 'safe' range between lower and upper limits.

When the measured temperature falls outside of the 'safe' range, the LED illumination changes colour. (contact factory for colour options).

Example temperatures (Freezer):

Above -14°C	Too warm (Red LED)
Between -14°C and -22°C	OK (Blue LED)
Below -22°C	Too cold (Red and Blue LED)

Optional flashing LED and colour combinations are available – contact factory.

► SPECIFICATIONS

Dimensions	Bezel 32.0mm x 14.0mm Panel cut-out 11.0/11.1mm x 30.0/30.1mm
Panel thickness	0.75mm to 2.5mm
Body	Nylon 6.6, matt finish, black colour is standard
Lens	Clear Polycarbonate, Softline matt finish (A)
Terminals	Copper alloy, 6.3mm x 0.8mm (C)
Flame retardancy	UL94V2
RoHS compliant	Yes
Temperature sensor	NTC Thermistor, sealed sensor, cable length 1m
Measurement range	-40°C to +85°C (-40°F to 185°F)
Measurement accuracy	±1.0°C (1.8°F)
Operating supply	230V ±20% 50/60Hz
Approvals	CE Mark

► BODY

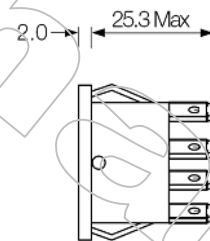
Panel cut-out



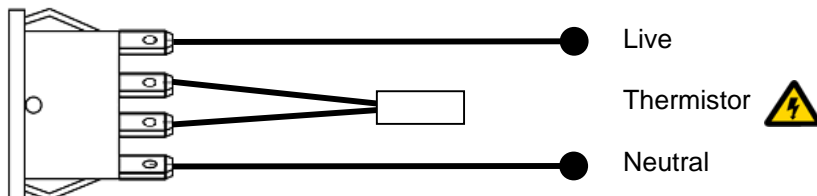
► OPTIONS

LED colours Contact factory for custom safe and fault LED colours.

► DIMENSIONS



► CONNECTIONS



► PART NUMBERS

C1433 A L - - - xxx - xxx	
B	Bezel Colour: Black
E	Supply Voltage: 230V ac
A	LED Colours: Red & Green
B	LED Colours: Red & Blue
xxx	Lower temperature limit (°C)
xxx	Upper temperature limit (°C)

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