

# Intelligent Touch Manager R32 Supervisor alarm

December 2023

## Background

This briefing provides an update on the possibility of employing the DCM601B51 Intelligent Touch Manager as the Supervisor alarm for compliance with IEC 60335-2-40.

## Changes

Although the physical hardware and software of the DCM601B51 Intelligent Touch Manager (iTM) have not changed, approval has been received that the integral alarm within the iTM meets the requirements of IEC 60335-2-40 for use as a Supervisor alarm.

This means the iTM can be used in place of, or alongside a BRC1H52 Madoka remote controller, as a Supervision alarm.

If required, it is still possible to employ the UK.ITM/R32/LEAKDE R32 leak detection alarm output panel, in conjunction with the UK.IAMC Leak detection alarm buzzer and lamp panel, for mounting in a supervisor location other than the location of the iTM.



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## Compatibility

This approval only refers to the DCM601**B**51 (B series) iTM, and not the DCM601**A**51 (A series) iTM.

As such, if an A series iTM is to be employed as the Supervisor alarm, then it is mandatory to employ the UK.ITM/R32/LEAKDE R32 leak detection alarm output panel and the UK.IAMC Leak detection alarm buzzer and lamp panel.

## Availability

As there has been no change to the hardware or software of the DCM601B51, the availability of the iTM has remained unchanged.

## Supervisor alarm requirements

A R32 leak detection supervisor alarm is required when any of the spaces being served by the air conditioning match at least one of the below conditions:

1. The room has sleeping facilities, i.e. bedrooms.
2. The room occupants are restricted in their movement, i.e. hospitals or care homes.
3. The space could be occupied by an uncontrolled number of people and who also wouldn't be aware of the safety precautions, i.e. schools or shops.

If the served space meets at least one of the above conditions, then either a DCM601B51 or Madoka is required to be installed in a supervised occupied space, such as a facility or security office.

