

Product News

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BS7273-4 Door Release System Product Introduction

Morley-IAS by Honeywell are pleased to announce the release of a new system designed to conform to Code of Practice BS-7273 part 4 Category A installations.

BS7273 Part 2007

BS7273 part 4 2007 is the code of practice governing release mechanisms for doors. The Morley-IAS door release system has been designed to ensure the fail safe actuation of release mechanisms in conjunction with the existing output module and wider fire system to meet the requirements of section 5 of BS7273-4 Category A Installations.

Recommended application of BS7273 part 4 Category A

The code of practice includes tables of the types of installation where such a fail safe measure should be applied. The following are examples of where only Category A actuation is recommended and should be specified relating to the position of doors:

- In a compartment wall separating buildings
- Forming part of the enclosures of any stairway in a hotel, boarding house, hall of residence, house in multiple occupation (HMO), hostel, residential care premises, a building containing apartments, a place of public entertainment or similar premises to any of the above (excluding hospitals).
- Forming part of the enclosures of a stairway that is the only stairway serving a building (or part of a building) which has more than one storey above or below the ground storey (other than in dwellings).
- In premises occupied by, or open to, the public, including shops and shopping centres, hotels, boarding houses, public houses, cinemas, theatres, museums, galleries, leisure centres, transportation terminals and similar premises.
- In schools

BS7273-4 Door Release System

Retrofit Solution - (DRM-1) The module has been designed for use in conjunction with the existing output module and wider fire system to meet the requirements of section 5 of BS7273-4 Category A installations.

The product is designed to fit the extensive Morley-IAS range of mounting options and enclosures providing you with flexibility and speed of installation. Supplied with the required cable loom to integrate this addition measure into the system the module can be mounted on a din rail with the M200E-DIN or as recommended in our custom made SMB6-VO enclosure capable of holding 6 modules.

Packaged Solution (MI-DRS-1) - The Morley-IAS Door Release System is designed for new installations and comprises a packaged solution of DRM-1 door release module, MI-DCMO single output model and SMB6-VO surface mount box prewired for simple installation.



Additional Features

Enhanced commissioning and fault finding capabilities allow the commissioning engineer to easily and quickly induce the failures for which the fail-safes must apply, this is achieved through the use of the test mode controlled through a jumper supplied with the product.

The new system also provides a visual indicator which provides fast identification of the status of loop communication and power supply at the point of use, this in conjunction with the custom enclosure allows you to view this status without opening the enclosure, saving time on site during the commissioning, maintenance and live fault finding activities.

The installation code of practice allows for a delay of the activation of up to 120 seconds which can add to the commissioning time on site, the system provides two time settings, one within 3 seconds and the other at 100 seconds to reduce the overall commissioning process.

The system is compatible with 12-24VDC door hold systems and includes a volt free contact to switch mains through the use of a third party relay, this gives the added benefit of separating the fire system from direct mains connection which could cause significant and extensively damage to the loop and loop devices.

For further details on any other Morley-IAS products please contact your local distribution point, Morley-IAS Business Manager or via our contact details.

Morley-IAS by Honeywell a real choice for fire solutions, committed to supporting our device partners.

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