



digital I/O Module

The digital I/O controller module brings a world of flexibility and customisation to our access control system and the automation of your building. The module offers true plug-and-play connectivity, which ensures that both installation and future expansion is quick and convenient.

It is a gateway to multiple connect and disconnect options and a must have for any integration, for installations both large and small. Each module has eight digital inputs and four relay outputs which gives you the ability to create a custom sequence of events, such as

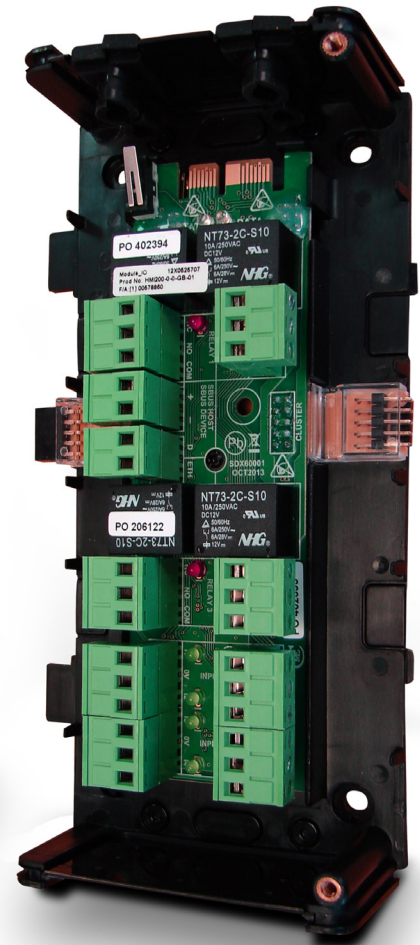
- Activating sirens for the beginning and end of shifts, or turnstile indicators
- Controlling elevators (lifts), alarm systems and fire control
- Managing emergency door control
- Creating unique sequences of events such as starting machinery or deactivating intrusion systems

The digital inputs also include end-of-line (EOL) sensing for added protection, which can be configured to raise an alarm if cables are broken or tampered with.

In addition, up to eight modules can be connected to a single cluster controller, to provide as many as 64 inputs and 32 outputs, making the solution highly cost-effective and flexible.

Another key benefit of the module is that firmware upgrades can be undertaken onsite, with no need to remove the module, resulting in zero downtime.

The module is available in a stand-alone plastic housing, or integrated into a boxed solution with an integrated power supply.



digital I/O module diagram

