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**Field installable mechanical safety interlock for two-door cabinets**

**Released January 24, 2018**

When used as the enclosure for higher voltage equipment, it is standard practice to use a rotary disconnect with a mechanical interlock to prevent the door from being opened unless the equipment has been isolated from the supply. When using standard 2 door enclosures, this creates a potential safety issue in this application. Although a rotary interconnect may be fitted to door #1, door #2 could be opened when the equipment is still live despite door #1 being fitted with a mechanical interlock.

To address this potential safety issue, [Hammond Manufacturing](https://www.hammfg.com/) has developed a simple safety interlock, the [MIKIT](https://www.hammfg.com/electrical/products/accessories/mikit), as an optional accessory for its 1422N4 and HN4WM wall mount and HN4FM floor standing mild and stainless steel two-door cabinets that feature centre-posts. The 304 stainless steel MIKIT mounts onto the interior lock cams to prevent door #2 from being opened unless door #1 has safely been opened. It can easily be retrofitted in the field; it maintains the enclosure’s approval ratings and either the right or left door can be designated as the master, thereby taking into account the requirements of specific installations.

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