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Castell Safety International Ltd

Press Releases

Castell's press releases provide a valuable source of information on the latest products and applications where our safety products are used. All our press releases are also available on our website on www.castell.com. If you haven't had a chance to read them, the following may be of interest to your company. If you have any queries or would like any further information on this release or on any of our products, please contact us on 020 8200 1200 or fax us on 020 8905 9378.

SIMPLE SYSTEM PREVENTS ACCIDENTAL LOCK-IN

Castell has developed a simple, cost-effective device to prevent the accidental or malicious closing of machinery access doors while an operator is still inside a dangerous area. The Entry Safe prevents the start-up of a machine by inhibiting the operation of the tongue switch or similar mechanism. Alternatively, it can be used in a more direct way; for instance, to stop a slam door from unintentionally shutting behind personnel entering a cold storage room or similar potentially-hazardous space.

The Entry Safe is easily retrofitted to existing door frames and is compatible with both hinged and sliding doors. Aside from tongue switches, it can be used in conjunction with hinge, magnet, coded or reed switches, and even non-contact switches.

Under normal working conditions, the access door is closed, the tongue switch engaged and the machine running normally. When access is required, the operator opens the door, thereby breaking the switch's contacts and stopping the

machine. Before gaining access, the operator turns the key in the Entry Safe, which causes a lever to extend towards the door's hinges and thus prevent the door from closing. The operator then removes the key and retains it for the whole of the period spent inside the dangerous area. Only when the key is re-inserted into the Entry Safe can the lever be retracted, the door closed, the switch re-engaged and the machine re-started.

The Entry Safe is available in multiple-key options, enabling teams of mechanical, electrical and CNC engineers to carry out safe and simultaneous machine maintenance.



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