

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**.

SAFE AND SIMPLE SWITCHING OF HIGH-RISK POWER SUPPLIES

A range of switch disconnectors for the isolation or switching of power supplies between 32 and 300 amps has been developed by Castell Safety International for use in machinery safe access control systems. Each KSD unit comprises 6 poles plus 2 auxiliary early-break contacts and is designed for motor-driven, high-risk applications where 'on-load' isolation of machinery is required or lengthy maintenance periods are likely. Since they can be used by unskilled personnel, the switches reduce the demands placed on electricians and maintenance staff during normal operational shutdown times.

Every product in the KSD range meets the requirements of EC regulation EN1088¹ for inclusion in a category 4 safety system. Manufactured from either brass or stainless steel, the disconnectors are suitable for use in harsh or corrosive environments. The units are supplied ready for mounting into an existing panel or for surface mounting within their own IP65-rated lockable steel enclosure.

¹ Safety of Machinery – Interlocking Devices Associated with Guards: Principles for Design and Selection

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Removing the key from the disconnecter unit isolates the machine's main power supply. This key can then be inserted directly into a mechanical access interlock on the machine door, or into an exchange box to enable the opening of multiple access doors.

The disconnecter complies with IEC947-3² and has received approval from both the Underwriters' Laboratory and the Canadian Standards Association.

² Low-voltage switchgear and controlgear - Switches, disconnectors, switch-disconnectors and fuse-combination units



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SAFE AND SIMPLE SWITCHING OF HIGH-RISK POWER SUPPLIES

A range of switch disconnectors for the isolation or switching of power supplies between 32 and 350 amps has been developed by Castell Safety International for use in machinery safe access control systems.

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