



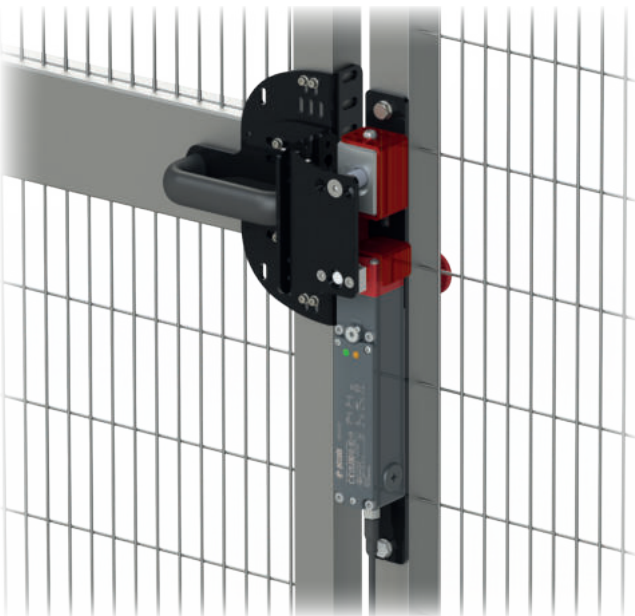
APPLICATION EXAMPLES



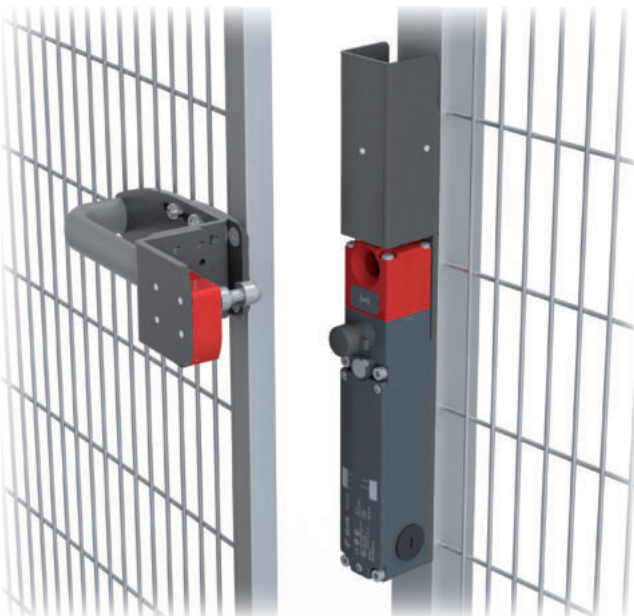
P-KUBE **Krome**



P-KUBE **Smart**



P-KUBE **1**



P-KUBE **2**



P-KUBE **Super**



P-KUBE **Fast**



P-KUBE **Lite**



P-KUBE safety handles



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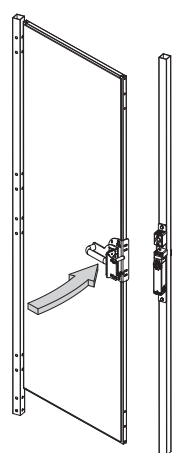
General data



an effective solution for machine builders and installers.

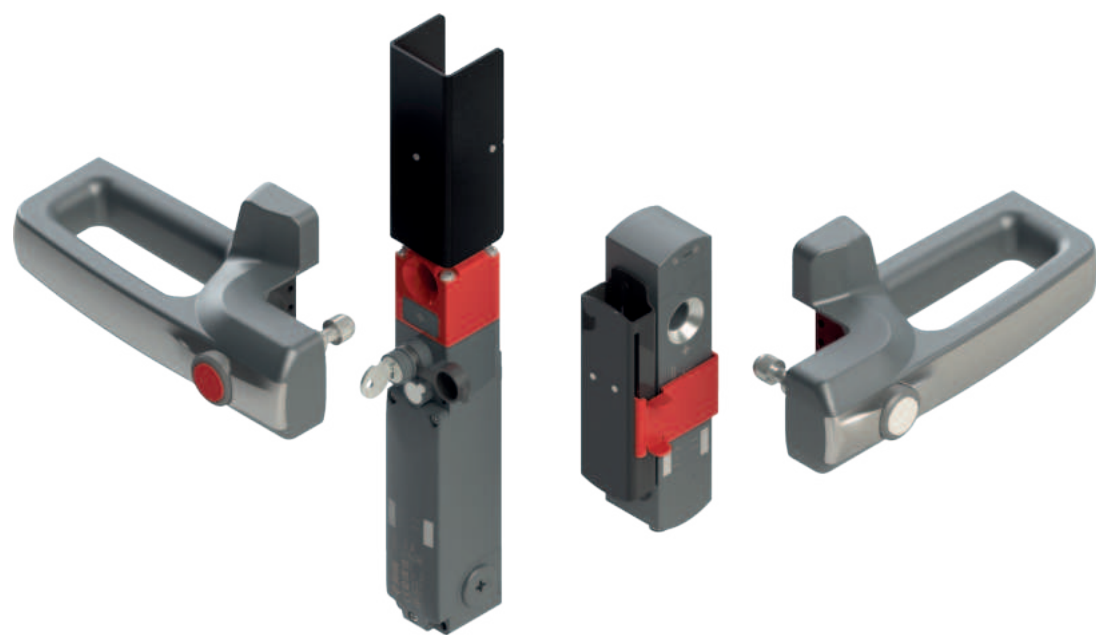
Robust, and compatible with all guard-locking switches, the P-KUBE safety handles can be used on all types of door – both hinged and sliding, left or right – with a unique product code; and they adapt with ease to all installation situations, thanks to metal brackets with adjustable slots.

Building on its decades of experience in the field of safety switches for machinery guards, Pizzato Elettrica presents the **P-KUBE** family of safety handles. These handles, with their characteristic simplicity, versatility, and robustness, constitute

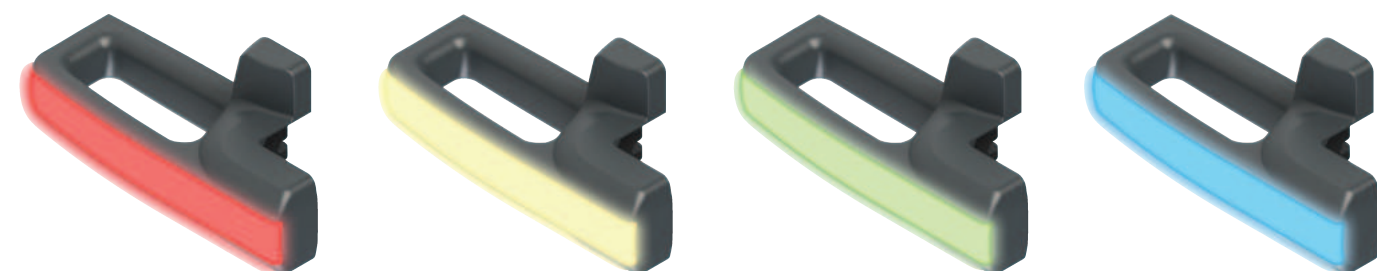


P-KUBE Krome

The P-KUBE Krome safety handles are a built-in and innovative solution for machine manufacturers who, with a single product and wiring harness, can optimise the cost of components, by eliminating peripheral control boxes and illuminated signalling columns, and implementing aesthetically pleasing and exclusive guards – without compromising on the quality and reliability offered by Pizzato products.



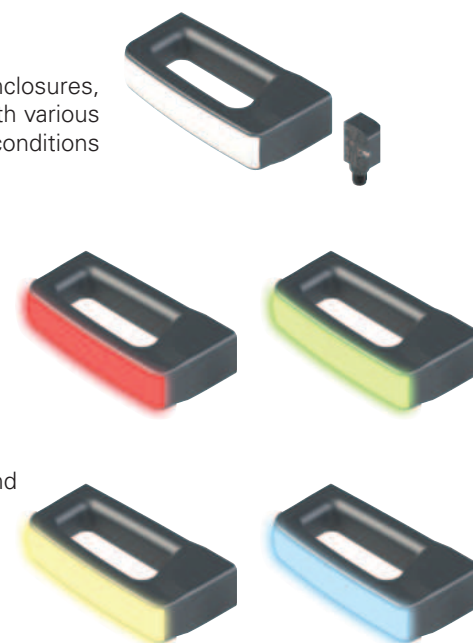
- Modern and ergonomic design; fully concealed fixing screws and cabling.
- High anti bypass coding level, thanks to actuators with RFID technology.
- Tamper prevention, from interlocking protection caps inserted to fixing screw holes.
- Illuminated control button, built into grip, to request functions like opening, reset, start and others.
- Front grip customisable in various finishes.
- Compatible with NG and NS series safety locking switches with RFID technology.
- Compatible with lock-out devices for NG and NS series safety switches with RFID technology.
- Available also with integrated RGB LEDs, for local signalling of guard state.
- Ability to light up a single handle in green, yellow, red, blue, white, purple, and pale blue.



P-KUBE Smart

This product series combines the characteristics of a robust handle for safety enclosures, with an ergonomic, rounded grip and customisable functions for the customer, with various illuminated signalling options, to reflect the state of the guard, or other operating conditions the manufacturer wishes to indicate.

- Modern and ergonomic design; fully concealed fixing screws and cabling.
- High anti bypass coding level, thanks to actuators with RFID technology.
- Tamper prevention, from interlocking protection caps inserted to fixing screw holes.
- Illuminated control button, built into grip, to request functions like opening, reset, start and others.
- Front grip customisable in various finishes.
- Usable with ST series RFID safety sensors.
- Available also with integrated RGB LEDs, for local signalling of guard state.
- Ability to light up a single handle in green, yellow, red, blue, white, purple, and pale blue.
- Possibility of application with horizontal or vertical handle.
- Direct fixing on the grip or through solid inner plate.



P-KUBE 1

The P-KUBE 1 safety handles are designed to install Pizzato Elettrica's FD, FG and FY series safety switches to machine guards quickly and easily, offering an effective solution to machine designers and installers for problems relating to the mechanical precision of guard movements.

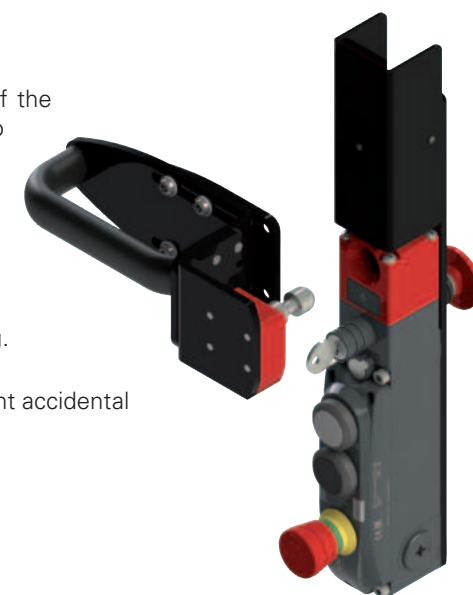
- Can be used with FD series safety switches with separate actuator without lock, and FG and FY series with lock.
- Robust metal self-centring pin, to ensure perfect alignment between door and jamb.
- Metal pin with mechanical door stop at limit of travel: no safety switch mechanical stress.
- Integral lock-out device to which a padlock can be fitted, to prevent accidental guard closure.



P-KUBE 2

The basic principle of this product series is to use the self-centring properties of the actuator on the NG switch by means of hinge pins and a large insertion range into the device. The use of fixing plates with slotted holes also allows for easy and quick alignment of the switch and actuator. The lock-out device is used to block the door in the open position and prevent an unexpected system restart when maintenance personnel access the system.

- Can be used with NG series safety switches with lock and RFID technology.
- Increased locked actuator holding force: up to 9,750 N.
- Door retaining force (30 N) when door unlocked, to prevent accidental opening.
- High anti bypass coding level, thanks to actuators with RFID technology.
- Lock-out device available on request, to which a padlock can be fitted to prevent accidental guard closure.
- Dual safety lock-out: mechanical shielding, also of actuator RFID recognition.



P-KUBE Super

Designed as an evolution of the P-KUBE 2 handles, the P-KUBE Super handles with double centring pin are specifically designed for guards installed in heavy-duty work environments (e.g. rolling mills, iron and steel plants, etc.) where very heavy doors or doors with such dimensions as to generate high misalignments between the movable and fixed parts of the guard may be present.

- Designed for installation in particularly demanding work environments.
- Dual centring pin, ideal for heavier doors with significant misalignment.
- Can be used with NG series safety switches with lock and RFID technology.
- Increased locked actuator holding force: up to 9,750 N.
- Door retaining force (30 N) when door unlocked, to prevent accidental opening.
- Metal pin with mechanical door stop at limit of travel: no safety switch mechanical stress.
- High anti bypass coding level, thanks to actuators with RFID technology.
- Integral lock-out device to which a padlock can be fitted, to prevent accidental guard closure.



P-KUBE Fast

The P-KUBE Fast safety handles, unlike other products on the market, combine their compactness and lightness resulting from the sliding movement, with the robustness of the upper end models, which are distinguished by a higher weight, more bulky dimensions and greater constructive complexity.

- Can be used with FD series safety switches with separate actuator without lock, and FG and FY series with lock.
- Compact, lightweight solution.
- Integrated internal lever for emergency guard opening.
- Sliding motion with internal mechanical stop, to prevent impacts between actuator and switch during closure.
- Integral lock-out device to which a padlock can be fitted, to prevent accidental guard closure.

P-KUBE Lite

The P-KUBE Lite safety handle is compatible with Pizzato Elettrica FY and FG series safety switches, creating the perfect combination for a complete safety system. The intuitive design and optimised ergonomics of the handle provide operators with a comfortable and secure grip. Sliding operation enables smooth and immediate use, minimising the amount of effort required to activate the safety switch. Equipped with a key lock, the handle enables installation of a "lock-out device" to increase the safety of the solution, reducing the risk of accidents or damage due to unauthorised access or accidental activation of the machine.

- Can be used with FG and FY series safety switches with separate actuator with lock.
- Modern and ergonomic design.
- An innovative solution that simplifies installation and makes the handle compatible with both right-hand and left-hand doors.
- Strong centring pin compelling alignment between actuator and switch.
- Can be equipped with a block button that is automatically activated to block the grip when the handle is in the open position.
- Integral lock-out device to which a padlock can be fitted, to prevent accidental guard closure.
- Can be equipped with (coded) tubular or standard locking keys.
- Can be fitted with an optional lever enabling simple and rapid door opening from the inside in an emergency.
- Four holes enable attachment of up to four padlocks to prevent accidental closure of the guard.

