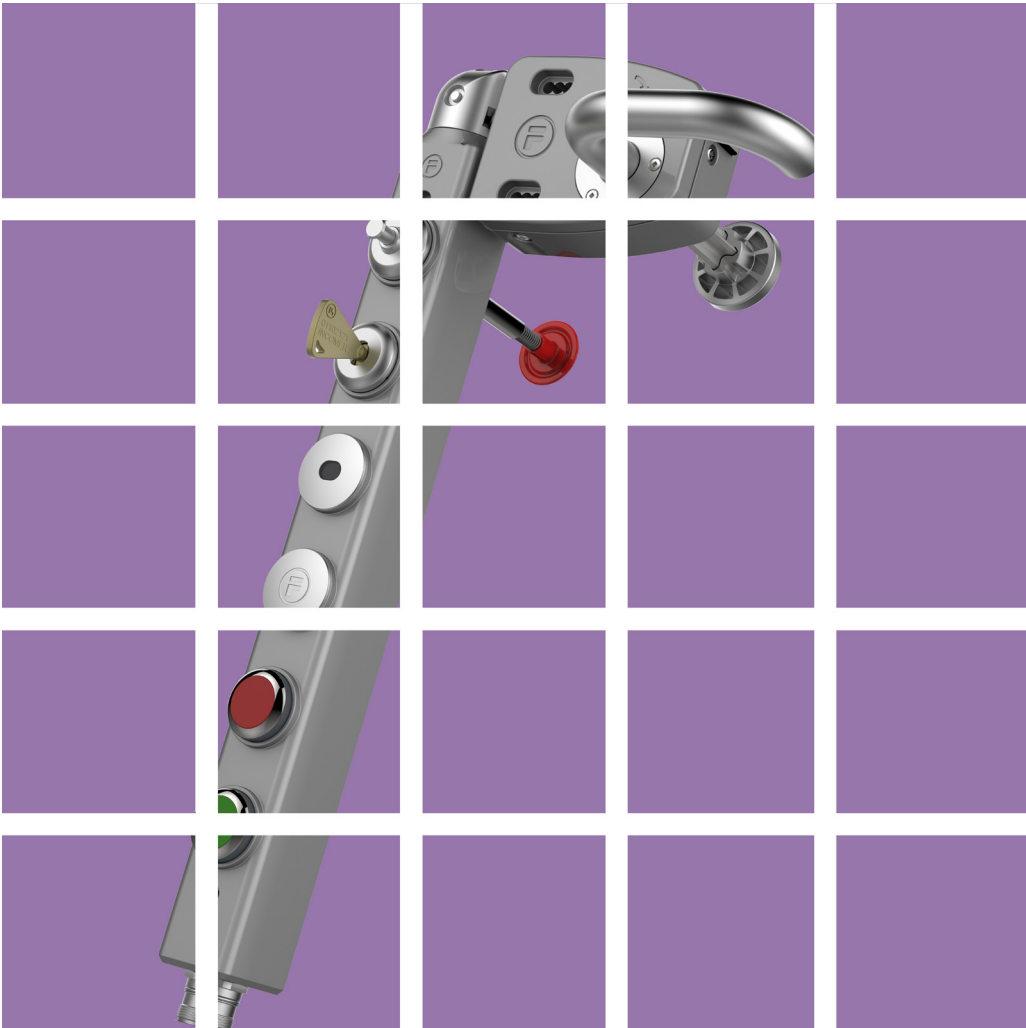


**t** **Gard** Integrated Control & Safety



**tGard**

**Actuators**

Fixed Actuator - TAF	Hinged Actuator - TAH	Sliding Actuator - TAS	Handle Actuator (no internal knob) - TEN	Handle Actuator - TEH

**Heads**

Cap - THC	Head - THM	Head & Fixed Actuator - THF	Head & Hinged Actuator - THH	Head & Sliding Actuator - THS	Head & Handle Actuator - THE	Head & Handle Actuator (no internal knob) - THN

**Core Elements**

Internal Release - TRX, TRZ	Safety Lock - TSN, TGN Access Lock - TAB, TQB	Safety Switch - TSM, TSS	Safety Switch & Solenoid - TSMDFU, TSMEU, TSSEU	Safety Switch & Solenoid - TSMDFL, TSMEL, TSSEFL	E-Stops - TEG, TED, TEW, TEV, TET, TEM, TEP, TEI	Start Re-start - TSR	Blank - TEB	Keys - TKS & TKM
60mm Int. Release	Variable length Int. Release	TSM	TSS	Power to Un-Lock	Power to Lock			TKS - Standard Key TKM - Master Key

**Core Elements**

<p><b>Illuminating Switches - Push, Selector</b></p> <table border="1"> <tr> <td>Push Buttons</td> <td>Prototyping Illuminated</td> </tr> <tr> <td>TP1</td> <td>TG1</td> </tr> <tr> <td>TP2</td> <td>TG2</td> </tr> <tr> <td>TP3</td> <td>TG3</td> </tr> <tr> <td>TP6</td> <td>TG6</td> </tr> <tr> <td>TP7</td> <td>TG7</td> </tr> </table>	Push Buttons	Prototyping Illuminated	TP1	TG1	TP2	TG2	TP3	TG3	TP6	TG6	TP7	TG7	<p><b>Non-Illuminating Switches - Push, Selector &amp; Key Selector</b></p> <table border="1"> <tr> <td>Push Buttons</td> <td>Prototyping Push Buttons</td> </tr> <tr> <td>TPB</td> <td>TGB</td> </tr> <tr> <td>TPR</td> <td>TGR</td> </tr> <tr> <td>TPG</td> <td>TGG</td> </tr> <tr> <td>TPW</td> <td>TGW</td> </tr> <tr> <td>TPY</td> <td>TGY</td> </tr> <tr> <td>TPZ</td> <td>TGZ</td> </tr> </table>	Push Buttons	Prototyping Push Buttons	TPB	TGB	TPR	TGR	TPG	TGG	TPW	TGW	TPY	TGY	TPZ	TGZ	<p><b>LED Lamps</b></p> <table border="1"> <tr> <td>LED Lamps</td> <td>TLB</td> </tr> <tr> <td></td> <td>TLG</td> </tr> <tr> <td></td> <td>TLR</td> </tr> <tr> <td></td> <td>TLW</td> </tr> <tr> <td></td> <td>TLY</td> </tr> </table>	LED Lamps	TLB		TLG		TLR		TLW		TLY	<p><b>3 Position Selector</b></p> <table border="1"> <tr> <td>3 Position Selector Switch</td> <td>T3A Latching (Both Sides)</td> </tr> <tr> <td></td> <td>T3D Momentary</td> </tr> <tr> <td></td> <td>T3E Latching (Both Sides) Illuminated</td> </tr> <tr> <td></td> <td>T3F Momentary Illuminated</td> </tr> </table>	3 Position Selector Switch	T3A Latching (Both Sides)		T3D Momentary		T3E Latching (Both Sides) Illuminated		T3F Momentary Illuminated
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**Base Elements**

Foot - TBF	Safety & Control	Self wire	Trailing Cables																																																												
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# tGard **An Innovative Platform for Machine Safety**

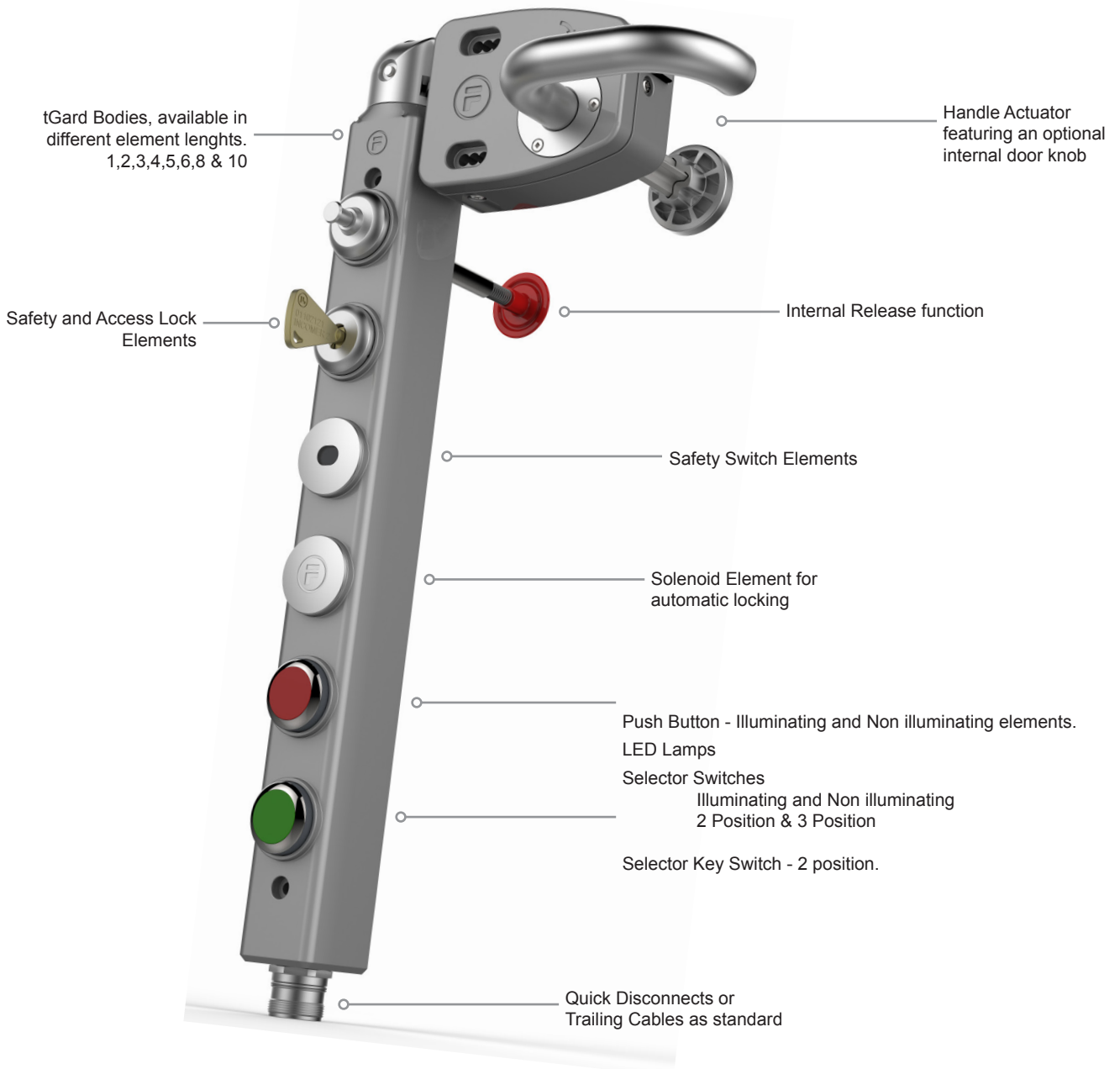
**tGard** is the new innovative approach to controlling access to hazardous machinery and equipment. It is a compact metal bodied system that enables the configuration of various safety products including electrical safety gate switches (with or without guard locking), mechanical trapped key interlocks, and electrical operator controls, either as separate devices or integrated into one device.

**tGard** offers “a customised safety solution, as standard” and is defined by a range of **tGard** elements, including selector switches, safety switches (solenoid and non solenoid), personnel keys, emergency release, push buttons, estops, indicator lamps and a choice of operating handles for both hinged and sliding guard doors. These elements are simply selected and then assembled into a robust housing, suitable for mounting onto machine guarding, providing the user with an exact configuration specific to the application.

**tGard** is quick and easy to install and can be mounted directly onto a flat surface, doors or extruded aluminium profiles without the need for mounting plates or brackets. It is IP65 as standard and has been designed to be fully compliant with the new machinery safety standards.

## Customised Safety Solutions as Standard

- Simply Robust
- Customisable
- Future proof for future element expansion
- Easy to Install
- Quick Disconnects as standard
- Standards compliant
- Trailing Cables as standard
- Safety Gate Switches
- Trapped Key Interlocks
- Operator Control





# Gard

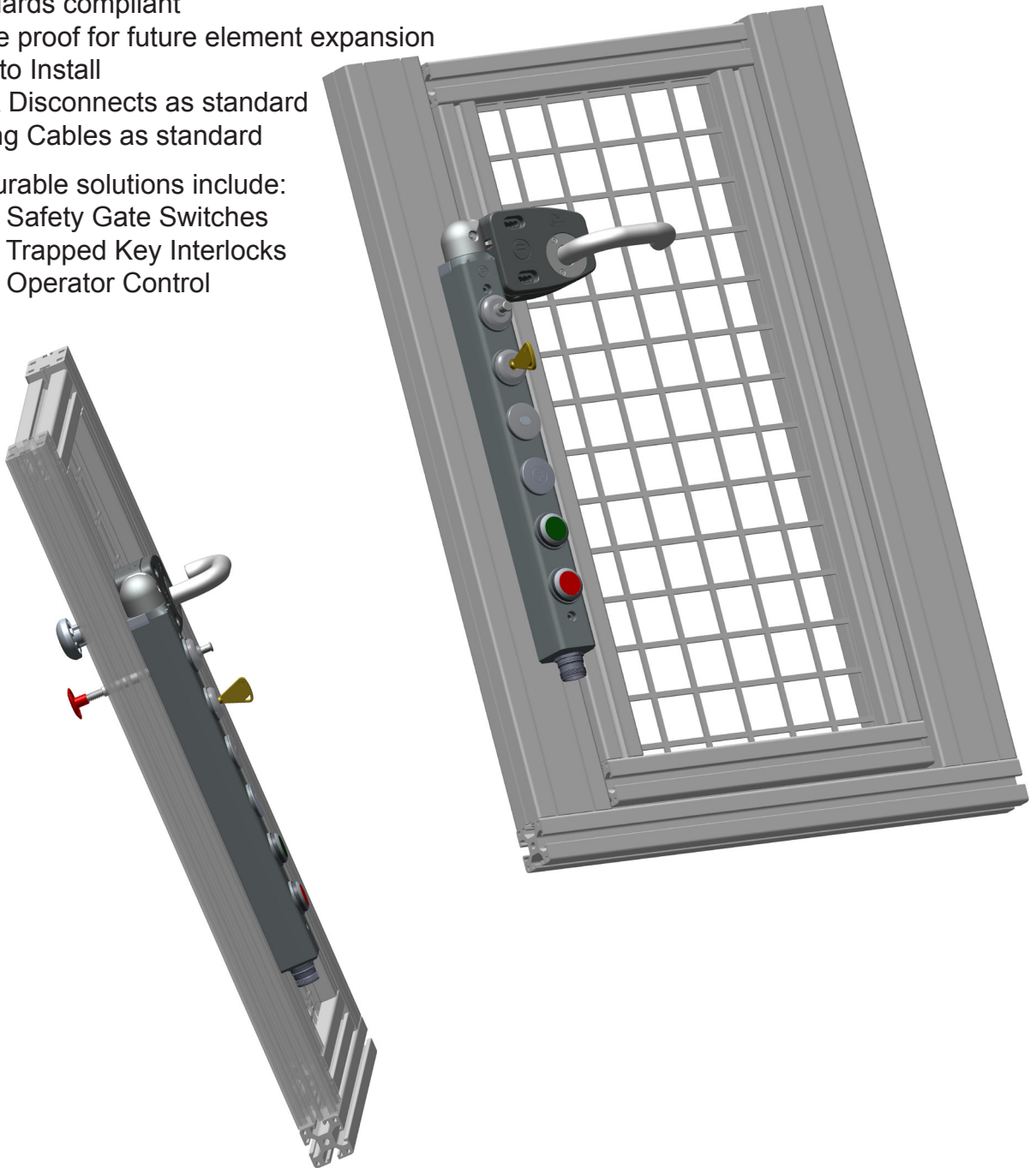
An Innovative new Platform for Machine Safety

## “Customised Safety Solutions as Standard”

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Configurable solutions include:

- Safety Gate Switches
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 **Fortress**  
Interlocks

[www.fortressinterlocks.com](http://www.fortressinterlocks.com)