







Breakdown List

Item number: ITM-00260288				
Part	Description			
THC	Cap Element			
TEM	Twist Reset, monitored, individual wiring			
TP7	Illuminated Push Button - White			
TP6	Illuminated Push Button - Blue			
TQ5	12 Pin M23 QD Safety & Control			





Technical Specification

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(safety 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.

Technical Specification					
	THC	Painted die cast zinc alloy			
Llausing Matariala	TEM				
Housing Materials	TP7	Painted die cast aluminium			
	TP6				
	THC				
Calaria	TP7	Dark Grey			
Colour	TP6				
	TEM	Red			
Ambient Temperature		-25°C to 40°C (-13°F to 104°F)			
	THC				
	TEM				
Environment	TP7	Indoor			
	TP6				
	TQ5				
	THC				
	TEM				
Ingress Protection	TP7	IP65****			
-	TP6				
	TQ5				
Retention Force	THC	2500N			
Operating Force	THC	5N to 10N			
Mechanical Life	THC	1,000,000 Operations			
Maximum Frequency of Operations	THC	1 per second			
Switching Contact Flament	TP7	1 output			
Switching Contact Element	TP6				
Voltage	TQ5	24V DC			
Switches Conformance	TEM	IEC 60947-5-1			
Min hinged door radius	THC	150mm (using TAH actuator handle)			
Flootricellife	TP7	1 000 000 0-2-4-2-2			
Electrical Life	TP6	1,000,000 Operations			
Operation 1 %	TP7	1,000,000 momentary version			
Operating Life	TP6	500,000 latching version			
Switching Principle	TEM	Positive Break			
	TEM				
Switching Current	TP7	1mA MIN / 100mA MAX			





	TP6	
	TEM	
Switching Voltage	TP7	24V
	TP6	
1501%	TP7	100,000 hours on time
LED Life	TP6	
Max current on power supply	TQ5	0.75A

^{****} IP protection is to the tGard stack that this module attaches to, when correctly fitted according to installation and maintenance instructions.





Full Dimentional Drawing







