



Head Elements

	THC	THM		Can Element THC				
		Used to Used to Used in configur Actuato Ideally s machine • 5 oriel • Can b just a		erminate all non door lock or gate switch configurations. nechanical exchange box, machine control or key switch tions. • Head Element - THM uited for authorised access only, or linked access to other y. tations (left, right, front, back and top). a used to lock door when used with keys or solenoid or driver for safety switches.				
Safety Data		Technical Specificat	Technical Specification		Head Module Part Number Options			
Standards	EN13849-1:2008 EN13849-2:2012 EN62061:2005 EN14119:2013	Housing Materials Painted die cast alu		iminium	Part Number	Part Number Description		
		Colour	Colour Dark Grey		THC	Cap only		
Certifications	CE marked for all applicable directives	Ingress Protection IP65*			THM	/ Head only		
Category	Cat. 3, PLd (EN/ISO 13849-1) and	Operating Force	Operating Force 5N to 10N		Head + Actuator Combined Part Number Options			
	SIL2 (EN/IEC 62061) Can be used as part of a PLe / Cat. 4 /	Retention Force Locked	ention Force Locked 2500N		Part N	Part Numbers Description		

	EN62061:2005 EN14119:2013		Colour	
Certifications	CE marked for all applica	Ingress Protection		
Category	Cat. 3, PLd (EN/ISO 138	49-1) and	Operating Force Retention Force	
0,	SIL2 (EN/IEC 62061) Can be used as part of a	PLe / Cat. 4 /		
	SIL3 system		Mechanical Life	
Functional Safety Data	B10d (for whole tGard device, which	5,000,000	Maximum Frequ	
	will contain multiple elements)		Ambient Temper	
]	Environment	

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Housing Materials	Painted die cast aluminium		Part Number	Description		
Colour	Dark Grey	THC Cap		only		
Ingress Protection	IP65*		THM Head of		ad only	
Operating Force	5N to 10N	Head + Actuate		ator C	or Co	
Retention Force Locked	2500N		Part Numbers			Γ
Mechanical Life	1,000,000 Operations		THM + TAF	=	THF	ľ
Maximum Frequency of Ops	1 per second		THM + TAS	=	THS	ľ
Ambient Temperature	0°C to +60°C (32°F to 140°F)		THM + TAH	=	тнн	ŀ
Environment	Indoor use only		THM + TEH	=	THE	t
Min hinged door radius	150mm (using TAH actuator handle)		THM + TEN	=	THN	ŀ
		_		1		1

THM Head only		id only				
Head + Actuator Combined Part Number Options						
Part Numbers			Description			
THM + TAF	=	THF	Head module including fixed actuator			
THM + TAS	=	THS	Head module including sliding actuator			
THM + TAH	=	THH	Head module including hinged actuator			
THM + TEH	=	THE	Head module including handle actuator			
THM + TEN	=	THN	Head module including handle actuator (no internal knob)			

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

Dimensional Drawing - THC









SCALE 1.000





Head Modules

Dimensional Drawing - THM

