

ATEX Key Switch

A key switch for use in areas where explosive/flammable gases or dust particles may be present.

- Direct drive operation - positively opens contacts
- The standard sequence is: Power on -Key trapped (other sequences to be specified)
- Special switch ratings, and/or contact arrangements available on request

Safety Data		
Standards	EN60947-3:2009 ISO EN14119:2013 EN13849-1:2008 EN13849-2:2012 EN62061:2005	
Certifications	CE marked for all applicable directives	
Category	Cat. 4, PL _e (EN/ISO 13849-1) and SIL3 (EN/IEC 62061)	
Functional safety data	B10d	5,000,000
	DC	High 99% (with correct monitoring)

mGard range

mGard is the ultimate range of robust mechanical trapped key products. Trapped key technology offers purely mechanical access locks (removing the need for expensive wiring). mGard offers an extensive variety of modular interlocking solutions. Suitable for use in applications up to SIL3 (EN/IEC 62061), Category 4 and PL_e (EN/ISO 13849-1), mGard is ideal for use in harsh environments and is tested to 1,000,000 operations.

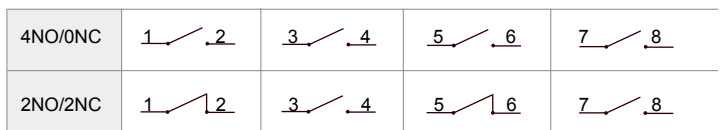
Technical Specification

Rating	II 2GD EExd IIB T4-T6
Lock mechanism	Full stainless steel (selected separately)
Internals	All stainless steel
Enclosure	Cast Iron with 2 pack epoxy finish
Cable gland entries	2 x M20 at the bottom (both plugged)
Degree of protection	IP65 (IEC 529)
Standard switching arrangement	2/NO, 2/N/C
Key	Stainless steel
Minimum Operating Current	5mA at 20v

Article Codes

Mounting	Part N°
In enclosure (IP65)	FLP
Lock Type	
Key and lock types must be specified separately	
Switch Current	Part N°
20A	A020
32A	A032
63A	A063
Switch Contacts	Part N°
4NO/0NC	40
2NO/2NC	22

Wiring Diagram



Dimensional Drawing

