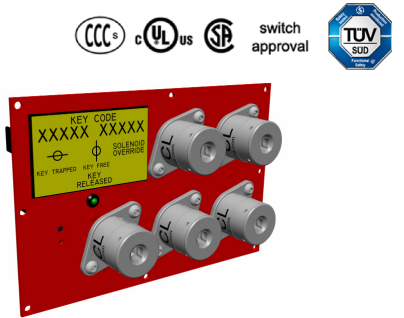


Power and Control Isolation » Solenoid Controlled Key Switch Unit
 Key Exchange
 Door Locks and Actuators

SLS



Solenoid Controlled Key Switch Unit

This device ensures that keys may not be released until both the solenoid has been energised and the control power has been isolated

- Suitable for machines with a rundown period.
- Fortress key operated override facility for mechanical release of the keys
- LED status indication
- Units with up to 6 release keys, plus 1 override key are available

Safety Data

Standards	EN60947-5-1:2007 ISO EN14119:2013 EN13849-1:2008 EN13849-2:2012 EN62061:2005	
Certifications	CE marked for all applicable directives	
Category	Cat. 4, PLe (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 PLe (EN/ISO 13849-1), mGard is ideal for use in harsh environments and is tested to 1,000,000 operations.

Technical Specification

Mounting Plate	Mild steel with powder coated paint finish
Switches	All switches are rated at AC12, 10A, 250V and AC15, 10A, 230V, B300, R300 N/C contacts are positive break.
Solenoid	Zinc plated and passivated mild steel frame. 12 Watt, 24v DC solenoid (0.5 amps). 110V AC Solenoid is 12VA (110 mA)
Configuration	Panel supplied with override lock only. Gate Access locks must be ordered separately. Number of release keys to be advised at point of order. Standard panels will accept up to 4 gate access locks.
Lock Mechanism	Die-cast zinc body with pearl bronze plated finish or stainless steel (specified separately)
Minimum Operating Current	5mA at 20v

Article Codes

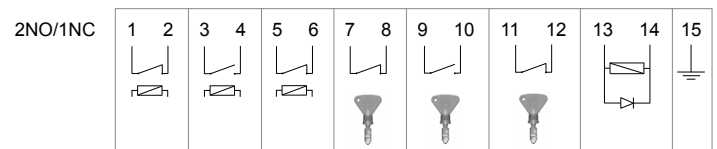
N° of Locks (excl.override lock)	Part N°
1 » 6	SLS1 » SLS6

Lock Type

Key and lock types must be specified separately

Switch Current	Part N°
10A	A010
Switch Contacts	Part N°
2NO/1NC	21
Solenoid Voltage	Part N°
24V DC 110V DC / 110V AC	D024 D110 / A110

Wiring Diagram



Dimensional Drawing

