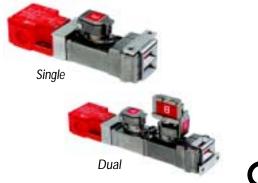
### Prosafe Trapped Key Interlock Switches

## Slamlock Electrical





#### **Description**

The Prosafe Slamlock with electrical isolation combines the features of trapped key tongue actuated interlocks while also providing sets of electrical safety and auxiliary contacts. When the actuator is inserted into the lock and the key is removed the actuator is trapped in the unit thus locking closed the guard door. In this state the safety contacts are closed and the auxiliary contacts are open. To open the guard door the key must be inserted and rotated 90°, opening the safety contacts, closing the auxiliary contacts and enabling the actuator to be released thus unlocking the guard door. While the guard door is open the key is trapped in the unit.

Slamlocks with electrical isolation offer the features of electrical safety interlock switches with the benefits of a trapped key/enforced sequence systems. They allow a combination of both approaches for safeguarding machinery and processes to be used.

The single key Slamlock (SSS) is used to interlock hatches, guards and doors where full body access is not required. The single key locks the actuator and operates the switch in the same action.

Dual key Slamlock (DSS) is similar to the single key version but has a secondary key to allow '2 key in' or 'key exchange' conditions. The key exchange version may be used where whole body access is required, as the secondary key can be used as a personnel key.

#### **Features**

- Electrical safety contacts combined with trapped key/enforced sequence feature
- Most of unit constructed from 316L stainless steel
- Selection of actuator types available
- Single or dual key versions available
- Direct drive operation
- Replaceable code barrel assembly
- · Weatherproof stainless steel dust cap as standard

### **Specifications**

Category Cat. 1 per EN 954-1 (ISO 13849-1) Suitable for Cat. 2, 3, or 4 systems  Approvals BG, CE marked for all applicable directives, and C-Tick not required  Safety Contact Utilization Category AC (Ue) (le) DC Solv 250V 100V 1A 2A 5A 250V 0.5A, 24V 2A  Max. Switched Current/ Voltage/Load Thermal Current (Ith) 10A Minimum Current Sy 5mA DC Safety Contact Gap Rtd. Insulation Voltage (Ui) 500V Rtd. Impulse Withstand Volt. (Uimp) 2500V Auxiliary Contacts 1 N.O. Pollution Degree 3 Actuator Travel-Pos. Opening Minimum Operating Radius Break Contact Min. Force 12N (2.7lbs) Max. Actuation Speed 1m/s Max. Actuation Frequency Case Material UL approved glass-filled polyester & 316L Stainless Steel Actuator Material Contact Protection P67 Conduit Entry 3 x M20 Operating Temperature Humidity 95% RH Mounting SSS 4 x M5 Counterbored from Top or 4 x M5 from Underside with Nuts DSS (DSSE) (DSSE) (DSSE) 1160g (2.6lbs) 1700g (3.7lbs) Max. Holding Force Max. Releasable Load Max. Releasable Load Max. Shear Force for Keys 15.1KN (3398lbs)	Standards	EN292-1&2, EN1088, IEC/EN60947-5-1,		
Approvals  Approvals  BG, CE marked for all applicable directives, and C-Tick not required  2 N.C. positive break  Utilization Category  AC (Ue)  BC (Ue)  AC 15  500V 250V 100V  1A 2A 5A  250V 0.5A, 24V 2A  Max. Switched Current/ Voltage/Load  Thermal Current (Ith)  Thermal Current Sy 5mA DC  Safety Contact Gap  Rtd. Insulation Voltage  Rtd. Insulation Voltage  (Ui) 500V  Rtd. Impulse Withstand Volt.  Auxiliary Contacts  Pollution Degree  Actuator Travel-Pos. Opening  Minimum Operating Radius  Freak Contact Min. Force  Max. Actuation Speed  Max. Actuation Frequency  Case Material  Contact Protection  Conduit Entry  Operating Temperature  Humidity  SSS  A x M5 Counterbored from Top or 4 x M5 from Underside with Nuts  Mechanical Life  Incomposition Porce  Max. Holding Force  Max. Holding Force  Max. Holding Force  Max. Releasable Load  Max. Shear Force for Keys  Max. Shear Force for Keys  Max. Spatisms  LC 15  Sov 250V 100V  100V  20 N.C. positive break  AC 15  500V 250V 100V  100V  20 N.C. positive break  AC 15  500V 250V 100V  100		GS-ET-19, ISO12100-1&2, ISO14119, AS4024.1		
Safety Contact  Utilization Category AC (Ue) (le) DC Soov 250V 100V 1A 2A 5A 250V 0.5A, 24V 2A  Max. Switched Current/ Voltage/Load Thermal Current (Ith) Minimum Current Sov 5mA DC Safety Contact Gap Rtd. Insulation Voltage (Ui) 500V Rtd. Insulation Voltage Rtd. Impulse Withstand Volt. (Uimp) 2500V Auxiliary Contacts 1 N.O. Pollution Degree 3 Actuator Travel-Pos. Opening Minimum Operating Radius Insulation Speed Max. Actuation Fequency Case Material Stainless Steel Actuator Material Contact Protection P67 Conduit Entry Operating Temperature Humidity Mounting SSS 4 x M5 Counterbored from Top or 4 x M5 from Underside with Nuts 6 x M5 Counterbored from Top or 6 x M5 from Underside with Nuts Mechanical Life Inounous Max. Holding Force Max. Releasable Load Max. Releasable Load Max. Releasable Load Max. Shear Force for Keys Max. Releasable Load Max. Shear Force for Keys Max. Felasable Load Max. Shear Force for Keys Max. Ca	Category	Cat. 1 per EN 954-1 (ISO 13849-1) Suitable for Cat. 2, 3, or 4 systems		
Utilization Category AC (Ue) (Ie) AC (15) 500V 250V 100V (Ie) 1A 2A 5A 250V 0.5A, 24V 2A  Max. Switched Current/ Voltage/Load Thermal Current (Ith) 10A Minimum Current 5V 5mA DC Safety Contact Gap >2 x 2mm (0.07in) Rtd. Insulation Voltage (Ui) 500V Rtd. Impulse Withstand Volt. Auxiliary Contacts 1 N.O. Pollution Degree 3 Actuator Travel-Pos. Opening Minimum Operating Radius Freak Contact Min. Force 12N (2.7lbs) Max. Actuation Speed Max. Actuation Frequency 2 cycle/s Case Material UL approved glass-filled polyester & 316L Stainless Steel Actuator Material Stainless Steel Contact Protection Conduit Entry 3 x M20 Operating Temperature -20°C to +80°C (-4°F to 176°F) Humidity Mounting SSS 4 x M5 Counterbored from Top or 4 x M5 from Underside with Nuts 6 x M5 counterbored from Top or 6 x M5 from Underside with Nuts Mechanical Life 100,000 Weight (SSSE) (DSSE) 1160g (2.6lbs) (DSSE) 1700g (3.7lbs) Max. Releasable Load Max. Releasable Load Max. Releasable Load Max. Shear Force for Keys 15.1KN (3398lbs)	Approvals	BG, CE marked for all applicable		
AC (Ue) (le) DC (le) 1A 2A 5A 250V 150V 160V 1A 2A 5A 250V 0.5A, 24V 2A 2A 250V 0.5A, 24V 2A 2A 250V 0.5A, 24V 2A 250V 0	Safety Contact	2 N.C. positive break		
Max. Switched Current/ Voltage/Load Thermal Current (Ith) Minimum Current Sv 5mA DC Safety Contact Gap Rtd. Insulation Voltage Rtd. Impulse Withstand Volt. Auxiliary Contacts Pollution Degree Actuator Travel-Pos. Opening Minimum Operating Radius Max. Actuation Speed Max. Actuation Frequency Case Material Contact Protection Conduit Entry Operating Temperature Humidity Mounting SSS A x M5 Counterbored from Top or 4 x M5 from Underside with Nuts Mechanical Life 100,000 Electrical Life Max. Holding Force Max. Actualion Mounting Minimum Operating Radius Max. Actuation Speed Max. Actuation Frequency Case Material Max. Actuation Frequency  Max. Actuat	Utilization Category			
Max. Switched Current/ Voltage/Load Thermal Current (Ith) Minimum Current Sov 5mA DC Safety Contact Gap Rtd. Insulation Voltage Rtd. Impulse Withstand Volt. Auxiliary Contacts Pollution Degree Actuator Travel-Pos. Opening Minimum Operating Radius Break Contact Min. Force Tax Max. Actuation Speed Actuator Frequency Case Material Contact Protection Conduit Entry Mounting SSS A x M5 Counterbored from Top or 4 x M5 from Underside with Nuts Mechanical Life Incomposition (DSSE) Max. Holding Force Rad/Stainless Max. Holding Force Max. Holding Force Max. Actuation Speed Red/Stainless Max. Actuation Reduction Red/Stainless Max. Actuation Reduction Red/Stainless Max. Actuation Red/Stainless Max. Holding Force Red/Stainless Max. Releasable Load Max. Shear Force for Keys  15.1KN (3398lbs)				
Max. Switched Current/ Voltage/Load Thermal Current (Ith) 10A Minimum Current 5V 5mA DC Safety Contact Gap >2 x 2mm (0.07in) Rtd. Insulation Voltage (Ui) 500V Rtd. Impulse Withstand Volt. (Uimp) 2500V Auxiliary Contacts 1 N.O. Pollution Degree 3 Actuator Travel-Pos. 5mm (0.19in) Opening Minimum Operating Radius 175mm (6.88in) (60mm (2.36in) with flexible actuator) Break Contact Min. Force 12N (2.7lbs) Max. Actuation Speed 1m/s Max. Actuation Frequency 2 cycle/s Case Material UL approved glass-filled polyester & 316L Stainless Steel Actuator Material Stainless Steel Contact Protection 1P67 Conduit Entry 3 x M20 Operating Temperature -20°C to +80°C (-4°F to 176°F) Humidity 95% RH Mounting SSS 4 x M5 Counterbored from Top or 4 x M5 from Underside with Nuts 6 x M5 Counterbored from Top or 6 x M5 from Underside with Nuts Mechanical Life 100,000 Electrical Life 1,000,000 Weight (SSSE) (DSSE) 1700g (3.7lbs) Colour Red/Stainless Max. Holding Force 2000N (450lbs) Max. Releasable Load 100N (22.5lbs) Max. Releasable Load 100N (22.5lbs) Max. Shear Force for Keys 15.1KN (3398lbs)				
Thermal Current (Ith) 10A  Minimum Current 5V 5mA DC  Safety Contact Gap >2 x 2mm (0.07in)  Rtd. Insulation Voltage (Ui) 500V  Rtd. Impulse Withstand Volt. (Uimp) 2500V  Auxiliary Contacts 1 N.O.  Pollution Degree 3  Actuator Travel-Pos. Opening  Minimum Operating Radius 175mm (6.88in) (60mm (2.36in) with flexible actuator)  Break Contact Min. Force 12N (2.7lbs)  Max. Actuation Speed 1m/s  Max. Actuation Frequency 2 cycle/s  Case Material UL approved glass-filled polyester & 316L Stainless Steel  Actuator Material Stainless Steel  Contact Protection 1P67  Conduit Entry 3 x M20  Operating Temperature -20°C to +80°C (-4°F to 176°F)  Humidity 95% RH  Mounting SSS 4 x M5 Counterbored from Top or 4 x M5 from Underside with Nuts 6 x M5 Counterbored from Top or 6 x M5 from Underside with Nuts  Mechanical Life 100,000  Electrical Life 1,000,000  Weight (SSSE) (DSSE) 1160g (2.6lbs) 1700g (3.7lbs)  Colour Red/Stainless  Max. Holding Force 2000N (450lbs)  Max. Releasable Load 100N (22.5lbs)  Max. Releasable Load 100N (22.5lbs)  Max. Shear Force for Keys 15.1KN (3398lbs)				
Minimum Current Safety Contact Gap Rtd. Insulation Voltage Rtd. Impulse Withstand Volt.  Auxiliary Contacts Pollution Degree Actuator Travel-Pos. Opening Minimum Operating Radius Break Contact Min. Force Max. Actuation Speed Max. Actuation Frequency Case Material Contact Protection Conduit Entry Deprating Temperature Humidity Mounting SSS A x M5 Counterbored from Top or 4 x M5 from Underside with Nuts Mechanical Life Electrical Life Weight (SSSE) (DSSE) Max. Releasable Load Max. Holding Force Max. Actuation Speed 1 m/s Max. Actuation Speed 1 m/s  SW 5 mA DC S 2 x 2mm (0.07in) SOV Climp 2500V Actum (0.07in) Sov Smm (0.19in) Smm (0.19in	Voltage/Load	0001,000171		
Safety Contact Gap				
Rtd. Insulation Voltage Rtd. Impulse Withstand Volt. Auxiliary Contacts Pollution Degree 3 Actuator Travel-Pos. Opening Minimum Operating Radius Break Contact Min. Force Max. Actuation Speed Max. Actuation Frequency Case Material Contact Protection Conduit Entry Uperating Temperature Humidity Mounting SSS A x M5 Counterbored from Top or 4 x M5 from Underside with Nuts Mechanical Life Electrical Life Upon M5  1760 (2.6lbs) 1760 (2.6lbs) 1760 (3.7lbs)  Limit M6 (2.88in) (60mm (2.36in) with flexible actuator)  175 mm (6.88in) (60mm (2.36in) with flexible actuator)  187 max. Actuation Frequency 2 cycle/s  181 Lapproved glass-filled polyester & 316L Stainless Steel  2000 Conduit Entry 3 x M20  20°C to +80°C (-4°F to 176°F)  4 x M5 Counterbored from Top or 4 x M5 from Underside with Nuts 6 x M5 Counterbored from Top or 6 x M5 from Underside with Nuts  180 min Min M6 min M6 min M7 min M6 min M7 min				
Rtd. Impulse Withstand Volt.  Auxiliary Contacts Pollution Degree 3 Actuator Travel-Pos. Opening Minimum Operating Radius Break Contact Min. Force Max. Actuation Speed Max. Actuation Frequency Case Material Contact Protection Conduit Entry Operating Temperature Humidity Mounting  SSS Mechanical Life Electrical Life Weight  (SSSE) (DSSE) Max. Holding Force Max. Actuation Speed Stainless Max. Actuation Frequency Say Max. Actuation Frequency Coycle/s UL approved glass-filled polyester & 316L Stainless Steel Stainless Steel Stainless Steel Contact Protection IP67 Conduit Entry Sy RH Mounting SSS A x M20 Operating Temperature -20°C to +80°C (-4°F to 176°F) Humidity Mounting SSS A x M5 Counterbored from Top or 4 x M5 from Underside with Nuts 6 x M5 Counterbored from Top or 6 x M5 from Underside with Nuts Coycle SSSE) (DSSE) (DSSE) T700g (3.7lbs) Colour Red/Stainless Max. Holding Force Max. Releasable Load Max. Shear Force for Keys 15.1KN (3398lbs)				
Auxiliary Contacts Pollution Degree Actuator Travel-Pos. Opening Minimum Operating Radius Break Contact Min. Force Max. Actuation Speed Max. Actuation Frequency Case Material Contact Protection Conduit Entry Operating Temperature Humidity Mounting  SSS Mechanical Life Electrical Life Weight Max. Holding Force Max. Actuation Speed STainless Max. Actuation Frequency Stainless Steel Contact Protection SSS A M20 Operating Temperature -20°C to +80°C (-4°F to 176°F) Humidity Mounting SSS A X M5 Counterbored from Top or 4 x M5 from Underside with Nuts 6 x M5 Counterbored from Top or 6 x M5 from Underside with Nuts 100,000 Electrical Life 100,000 Electrical Life 100,000 Red/Stainless Max. Holding Force Max. Releasable Load Max. Shear Force for Keys 15.1KN (3398lbs)		` '		
Pollution Degree Actuator Travel-Pos. Opening  Minimum Operating Radius Break Contact Min. Force Max. Actuation Speed Max. Actuation Frequency Case Material Contact Protection Conduit Entry Operating Temperature Humidity  Mounting  SSS Mechanical Life Electrical Life  Mexing Actuation Degree  Actuator Material Stainless Steel  Actuator Material Stainless Steel  Actuator Material Contact Protection Sys RH  Mounting  SSS Mechanical Life 100,000 Electrical Life 1160 (2.6lbs) 1700g (3.7lbs)  Colour Max. Releasable Load Max. Shear Force for Keys  Smm (0.19in) Smm (0.19in) Smm (0.19in) Smm (0.19in) Smm (0.19in) Somm				
Actuator Travel-Pos. Opening  Minimum Operating Radius Break Contact Min. Force Max. Actuation Speed Max. Actuation Frequency Case Material  Actuator Material Contact Protection Conduit Entry Operating Temperature Humidity  Mounting  SSS Mechanical Life Electrical Life  (SSSE) (DSSE) Max. Holding Force Minimum (0.19in)  Smm (0.19in)  Somm (a.8in)  Sebmin (2.36in) with flexible actuator)  Brake (0.19in)  Somm (0.19in)  Somm (0.19in)  Somm (a.8in)  Sebmin (2.36in) with flexible actuator)  Standard  Stainless  Max. Holding Force Max. Releasable Load Max. Shear Force for Keys  Smm (0.19in)  Smm (0.19in)  Smm (0.19in)  6.88in) (60mm (2.36in) with flexible actuator)  Salica Stainless  Stainless  Steel  Contact Protection  Stainless Steel  Contact Protection  Stainless Steel  Contact Protection  Stainless Steel  Contact Protection  Stainless Steel  Contact Protection  Stainless Steel  Actuator Material  Stainless Steel  Stainless  Max. Holding Force  Max. Releasable Load  Max. Shear Force for Keys  Stainless  Stainless		=		
Minimum Operating Radius  Minimum Operating Radius  Break Contact Min. Force  Max. Actuation Speed  Max. Actuation Frequency  Case Material  Contact Protection  Conduit Entry  Operating Temperature  Humidity  Mounting  SSS  Mechanical Life  Electrical Life  (DSSE)  Max. Holding Force  Minimum (2.36in) with flexible actuator)  175mm (6.88in) (60mm (2.36in) with flexible actuator)  187mm (9.88in) (60mm (2.36in) with flexible actuator)  187mm (9.88in) (60mm (2.36in) with flexible actuator)  187mm (6.88in) (60mm (2.36in) with flexible actuator)  187mm (6.88in) (60mm (2.36in) with flexible actuator)  187mm (9.88in) (60mm (2.36in) with flexible actuator)  187mm (9.88in) (4.98in) with flexible actuator)  187mm (9.88in) (4.90ks) File of the provided actuator)  1				
Break Contact Min. Force 12N (2.7lbs)  Max. Actuation Speed 1m/s  Max. Actuation Frequency 2 cycle/s  Case Material UL approved glass-filled polyester & 316L Stainless Steel  Actuator Material Stainless Steel  Contact Protection IP67  Conduit Entry 3 x M20  Operating Temperature -20°C to +80°C (-4°F to 176°F)  Humidity 95% RH  Mounting SSS 4 x M5 Counterbored from Top or 4 x M5 from Underside with Nuts 6 x M5 Counterbored from Top or 6 x M5 from Underside with Nuts  Mechanical Life 100,000  Electrical Life 1,000,000  Weight (SSSE) (DSSE) 1160g (2.6lbs) 1700g (3.7lbs)  Colour Red/Stainless  Max. Holding Force 2000N (450lbs)  Max. Releasable Load 100N (22.5lbs)  Max. Shear Force for Keys 15.1KN (3398lbs)	Opening			
Max. Actuation Speed1m/sMax. Actuation Frequency2 cycle/sCase MaterialUL approved glass-filled polyester & 316L Stainless SteelActuator MaterialStainless steelContact ProtectionIP67Conduit Entry3 x M20Operating Temperature-20°C to +80°C (-4°F to 176°F)Humidity95% RHMountingSSS4 x M5 Counterbored from Top or 4 x M5 from Underside with Nuts 6 x M5 Counterbored from Top or 6 x M5 from Underside with NutsMechanical Life100,000Electrical Life1,000,000Weight(SSSE) (DSSE) 1160g (2.6lbs) (DSSE) 1700g (3.7lbs)ColourRed/StainlessMax. Holding Force2000N (450lbs)Max. Releasable Load100N (22.5lbs)Max. Shear Force for Keys15.1KN (3398lbs)	Minimum Operating Radius			
Max. Actuation Frequency     2 cycle/s       Case Material     UL approved glass-filled polyester & 316L Stainless Steel       Actuator Material     Stainless steel       Contact Protection     IP67       Conduit Entry     3 x M20       Operating Temperature     -20°C to +80°C (-4°F to 176°F)       Humidity     95% RH       Mounting     SSS       4 x M5 Counterbored from Top or 4 x M5 from Underside with Nuts 6 x M5 Counterbored from Top or 6 x M5 from Underside with Nuts       Mechanical Life     100,000       Electrical Life     1,000,000       Weight     (SSSE) (DSSE) (DSSE) 1700g (3.7lbs)       Colour     Red/Stainless       Max. Holding Force     2000N (450lbs)       Max. Releasable Load     100N (22.5lbs)       Max. Shear Force for Keys     15.1KN (3398lbs)	Break Contact Min. Force	12N (2.7lbs)		
Case Material  Actuator Material  Contact Protection  Conduit Entry  Operating Temperature  Humidity  SSS  A x M5 Counterbored from Top or 4 x M5 from Underside with Nuts  A x M5 Counterbored from Top or 6 x M5 from Underside with Nuts  Mechanical Life  Electrical Life  (SSSE)  (DSSE)  Toolog (3.7lbs)  Colour  Red/Stainless  Max. Holding Force  Max. Releasable Load  Max. Shear Force for Keys  Stainless Steel  C104°F to 176°F)  Humidity  95% RH  4 x M5 Counterbored from Top or 4 x M5 from Underside with Nuts  6 x M5 Counterbored from Top or 6 x M5 from Underside with Nuts  Mechanical Life  100,000  1160g (2.6lbs)  (1700g (3.7lbs)  Colour  Red/Stainless  Max. Holding Force  100N (22.5lbs)  Max. Shear Force for Keys  15.1KN (3398lbs)	Max. Actuation Speed	1m/s		
Actuator Material  Contact Protection  Conduit Entry  Operating Temperature  Humidity  SSS  4 x M5 Counterbored from Top or 4 x M5 from Underside with Nuts  6 x M5 Counterbored from Top or 6 x M5 from Underside with Nuts  Mechanical Life  Electrical Life  (SSSE)  (DSSE)  Colour  Red/Stainless  Max. Holding Force  Max. Releasable Load  Max. Shear Force for Keys  Stainless Steel  Stainless Steel  Stainless Steel  A x M20  A x M20  A x M5 C (-4°F to 176°F)  A x M5 Counterbored from Top or 4 x M5 from Underside with Nuts  A x M5 from Underside with Nuts  M x	Max. Actuation Frequency			
Contact Protection         IP67           Conduit Entry         3 x M20           Operating Temperature         -20°C to +80°C (-4°F to 176°F)           Humidity         95% RH           Mounting         4 x M5 Counterbored from Top or 4 x M5 from Underside with Nuts 6 x M5 Counterbored from Top or 6 x M5 from Underside with Nuts           Mechanical Life         100,000           Electrical Life         1,000,000           Weight         (SSSE) (DSSE) (DSSE) 1700g (3.7lbs)           Colour         Red/Stainless           Max. Holding Force         2000N (450lbs)           Max. Releasable Load         100N (22.5lbs)           Max. Shear Force for Keys         15.1KN (3398lbs)	Case Material	UL approved glass-filled polyester & 316L Stainless Steel		
Conduit Entry	Actuator Material	Stainless steel		
Operating Temperature	Contact Protection	IP67		
Humidity 95% RH  Mounting  SSS 4 x M5 Counterbored from Top or 4 x M5 from Underside with Nuts  Electrical Life 100,000  Electrical Life 1,000,000  Weight (SSSE) (DSSE) 1700g (3.7lbs)  Colour Red/Stainless  Max. Holding Force 2000N (450lbs)  Max. Releasable Load 100N (22.5lbs)  Max. Shear Force for Keys 15.1KN (3398lbs)	Conduit Entry	3 x M20		
Mounting  SSS 4 x M5 Counterbored from Top or 4 x M5 from Underside with Nuts  6 x M5 Counterbored from Top or 6 x M5 from Underside with Nuts  Mechanical Life 100,000  Electrical Life 1,000,000  Weight (SSSE) (DSSE) 1160g (2.6lbs) (DSSE) 1700g (3.7lbs)  Colour Red/Stainless  Max. Holding Force 2000N (450lbs)  Max. Releasable Load 100N (22.5lbs)  Max. Shear Force for Keys 15.1KN (3398lbs)	Operating Temperature	-20°C to +80°C (-4°F to 176°F)		
SSS	Humidity	95% RH		
A x M5 from Underside with Nuts 6 x M5 Counterbored from Top or 6 x M5 from Underside with Nuts				
DSS   6 x M5 Counterbored from Top or 6 x M5 from Underside with Nuts	SSS	4 x M5 Counterbored from Top or		
6 x M5 from Underside with Nuts	DSS	6 x M5 Counterbored from Top or		
Electrical Life	233			
Weight         (SSSE) (DSSE)         1160g (2.6lbs) (2.6lbs) (1700g (3.7lbs)           Colour         Red/Stainless           Max. Holding Force         2000N (450lbs)           Max. Releasable Load         100N (22.5lbs)           Max. Shear Force for Keys         15.1KN (3398lbs)	Mechanical Life	100,000		
(SSSE)       1160g (2.6lbs)         (DSSE)       1700g (3.7lbs)         Colour       Red/Stainless         Max. Holding Force       2000N (450lbs)         Max. Releasable Load       100N (22.5lbs)         Max. Shear Force for Keys       15.1KN (3398lbs)	Electrical Life	1,000,000		
(DSSE)         1700g (3.7lbs)           Colour         Red/Stainless           Max. Holding Force         2000N (450lbs)           Max. Releasable Load         100N (22.5lbs)           Max. Shear Force for Keys         15.1KN (3398lbs)	Weight			
Colour Red/Stainless  Max. Holding Force 2000N (450lbs)  Max. Releasable Load 100N (22.5lbs)  Max. Shear Force for Keys 15.1KN (3398lbs)		1160g (2.6lbs) 1700g (3.7lbs)		
Max. Releasable Load 100N (22.5lbs) Max. Shear Force for Keys 15.1KN (3398lbs)		0 1 7		
Max. Releasable Load 100N (22.5lbs) Max. Shear Force for Keys 15.1KN (3398lbs)	Max. Holding Force	2000N (450lbs)		
Max. Shear Force for Keys 15.1KN (3398lbs)		` ,		
	Max. Torque to Key	14Nm (124lb•in)		

Note: The safety contacts of the Guardmaster switches are described as normally closed (N/C), i.e. with the guard closed, actuator in place (where relevant) and the machine able to be started.

### The Prosafe Advantage







Stainless steel construction.

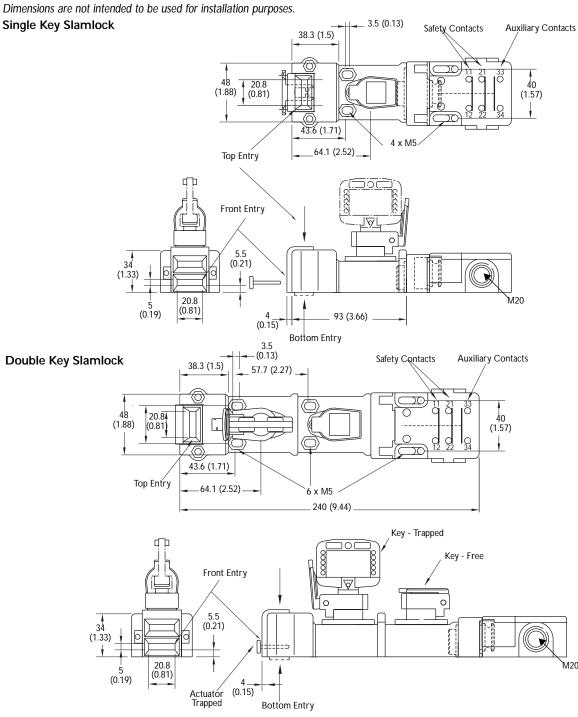


### **Product Selection**

Contacts	Туре	Key Condition	Actuator	Catalogue Number
	Single Key	Key Trapped to Release Actuator	Standard	440T-MSSSE10 <b>0</b>
			Flexible	440T-MSSSE11 <b>0</b>
			Flat	440T-MSSSE12 <b>0</b>
		Key Free to Release Actuator	Standard	440T-MSSSE20 <b>0</b>
			Flexible	440T-MSSSE22 <b>0</b>
2 N.C. + 1 N.O.			Flat	440T-MSSSE23 <b>0</b>
Break Before Make	Dual Key	Primary Key Trapped, Secondary Key Free to Release Actuator	Standard	440T-MDSSE10 <b>0</b> 2
			Flexible	440T-MDSSE11 <b>0</b> 2
			Flat	440T-MDSSE12 <b>02</b>
		Both Keys Free to Release Actuator	Standard	440T-MDSSE20 <b>00</b>
			Flexible	440T-MDSSE22 <b>00</b>
		Nelease Actuator	Flat	440T-MDSSE23 <b>00</b>

- Substitute the desired primary code for this symbol (key not included). See page 5-6 for code selection.
   Substitute the desired secondary code for this symbol (key included). See page 5-6 for code selection.

## Approximate Dimensions—mm (inches)



# The Prosafe Advantage







Stainless steel construction.



### **Accessories**

Description	on	Approximate Dimensions—mm (inches)	Catalogue Number
	Replacement Standard Actuator	M5 CSK 3.5 (0.13)  W5 CSK 3.5 (0.13)  W6 CSC 3.5 (0.13)  W6 CSC 3.5 (0.13)  W6 CSC 3.5 (0.13)  W6 CSC 3.5 (0.13)	440G-A27011
*	Replacement Flat Actuator	57 (2.24) 25 (0.98) (1.41) 18 (0.7) 3.5 (0.13)	440K-A11112
	Replacement Flexible Actuator	2 Holes, 5.5 Thru  18  (0.74)  18  (0.74)  2 Holes, 5.5 Slots (0.78)	440G-A27143
	Replacement Keys	See page 5-33	440T-AKEYE10⊗
	Replacement Code Barrel	See page 5-33	440T-ASCBE14 <b>0</b>
	Replacement Dust Cap	See page 5-33	440T-ASFC10⊗

- Substitute the desired primary code for this symbol (key not included). See page 5-6 for code selection.
   Substitute the desired secondary code for this symbol (key included). See page 5-6 for code selection.

## **Typical Applications**

Actuator out, key trapped, safety contacts open, auxiliary contact closed.

