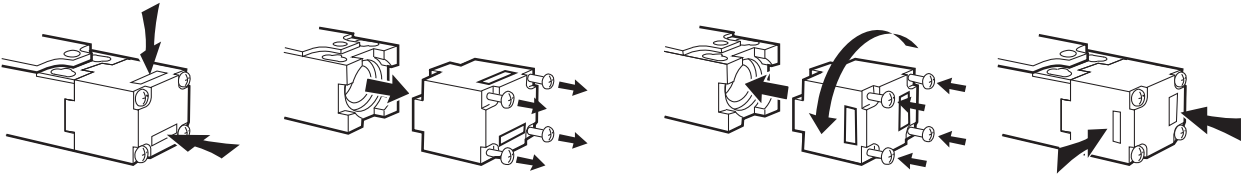


Versatility

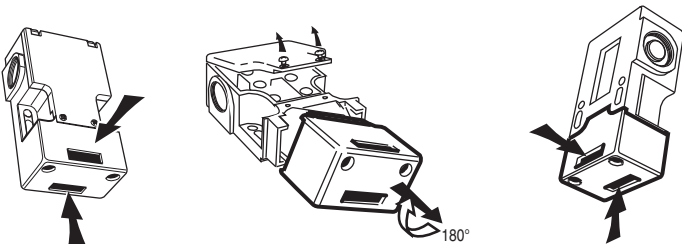
Many safety switches allow the head of the switch to rotate, offering different options on how the switch can be operated and mounted on the guard. This offers flexibility to best fit typical applications.

Elf, Cadet3, MT-GD2, 440G-MT



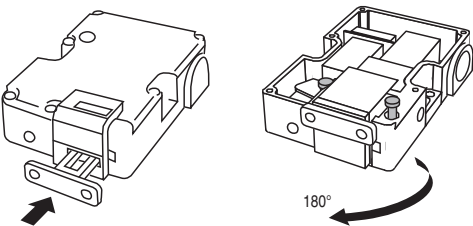
The head can be rotated 4 times at 90° allowing the key to fit the switch in 8 different positions.

Trojan T15, Trojan 5, Trojan 6 (Not GD2 Models)



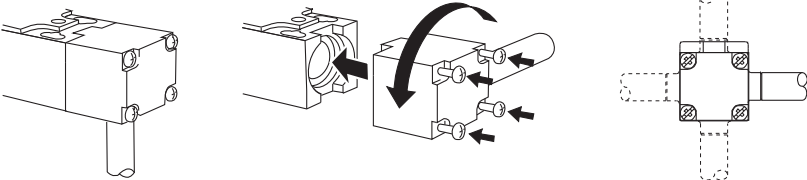
The head rotates 180° allowing the key to fit the switch in 4 different positions: 2 in the front, 1 in the top and 1 in the back.

TLS-GD2



The head rotates 180° allowing the key to fit the switch in 4 different positions: 2 in the front, 1 in the top and 1 in the back.

Sprite, Ensign



The head can be rotated 4 times at 90° allowing the switch to be mounted in 4 different positions.

Accessories for Tongue and Guard Locking Switches

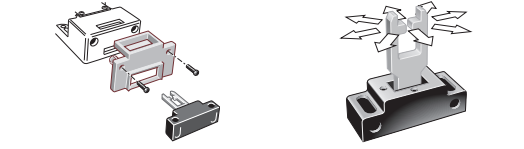
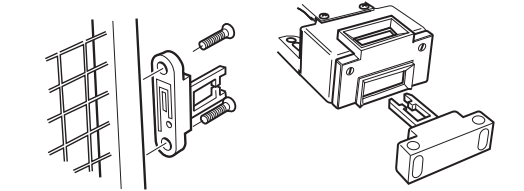
The correct actuator for your application

A large variety of tongue actuators are available:

Standard: 90°, Flat, Standard

Flexible: Semi and Fully

Specialty: Extended Flat and GD2 models

	Standard type actuators accommodate most of the applications. Their design allows for the actuator and the switch to be mounted in different position and the guard to work properly. The flat actuator is mounted on small rubber blocks allowing for some play when the guard closes. The 90° is typically used on sliding doors.
	Flexible type actuators are used when doors are sagging or are not sturdy enough to guarantee insertion of the actuator always in-line with the opening of the switch. The flexible actuator allows for some motion of the actuator to "self" align with the opening of the switch. Fully flexible actuators allow the actuator to move within a 15° angle in any direction. Semi-flexible actuators can be used for tight angles where the actuator enters the switch at an angle. This angle is adjustable on the actuator. The semi-flexible actuator moves only in a single plan direction.
	GD2 actuators are dedicated actuators for GD2 models and are not suitable for use with standard models.
	Extended flat type actuator is used mostly when the actuator is mounted on a chain and inserted in the switch. The guard is latched and the key is just inserted in the switch attached to a chain. When the door opens, the chain pulls the actuator activating the safety contacts.

Safety Switches

Interlock Switches

Overview

Product Selection

Description		Elf	Cadet 3	T15	T15 GD2	T5-T6	T5 GD2-T6 GD2	MT-GD2	TLS GD2	Atlas 5	440G-MT	Cat. No.
Standard actuator						✓						440K-A11095
Standard actuator				✓								440K-A11238
Standard actuator										✓		440G-A07136
GD2 standard actuator					✓		✓	✓	✓		✓	440G-A27011
Flat actuator, not to be used with metal alignment guide		✓	✓									440K-A21014
GD2 flat actuator					✓		✓	✓	✓		✓	440K-A11112
90° actuator, not to be used with metal alignment guide		✓	✓									440K-A21006
Fully flex actuator					✓		✓	✓	✓		✓	440G-A27143
Fully flex actuator										✓		440G-A07269
Extended flat actuator					✓		✓	✓	✓		✓	440K-A17116
Metal alignment guide with semi-flexible actuator		✓	✓									440K-A21030
Alignment guide with semi-flexible actuator				✓	✓	✓	✓	✓				440K-A11144
Alignment guide with fully-flexible actuator				✓		✓						440K-A27010
Catch and Retainer Kit						✓						440K-A11094
Replacement Alignment Guide						✓						440K-A11115

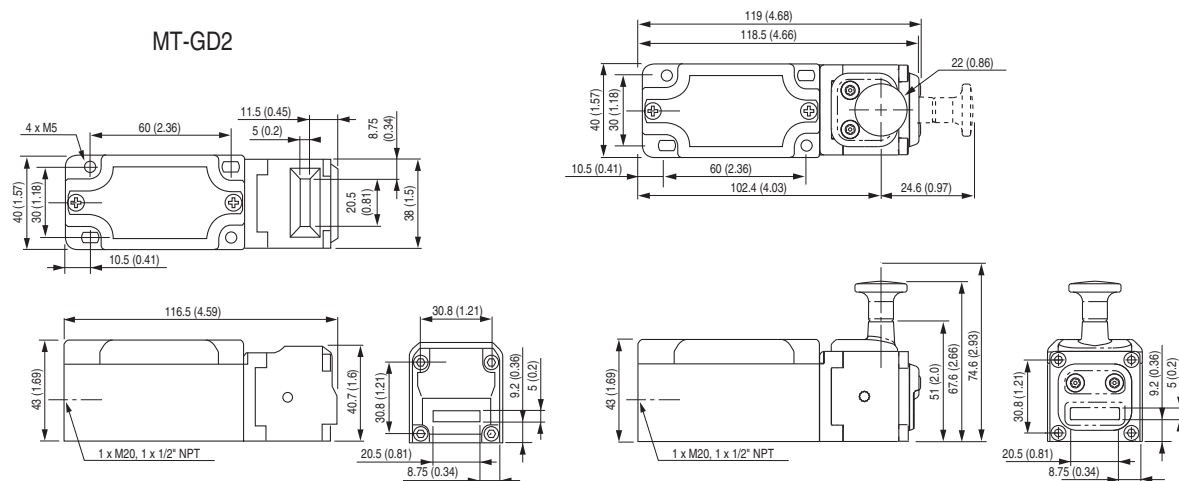
Accessories

Description		Dimensions	Cat. No.
	GD2 standard actuator	3-50	440G-A27011
	GD2 flat actuator	3-51	440K-A11112
	Fully flex actuator	3-50	440G-A27143
	Sliding bolt actuator	3-55	440G-A27163
	Extended flat actuator	3-51	440K-A17116
	Dust Cover	—	440K-A17180

Approximate Dimensions

Dimensions are shown in mm (in.). Dimensions are not intended to be used for installation purposes.

MT-GD2 Latch Release



Note: 2D, 3D and electrical drawings are available on www.ab.com.

Connection Systems

Description	8-Pin Micro	12-Pin M23
Cordset	889D-F8AB-*	889M-F12AH-*
Patchcord	889D-F8ABDM-⊛	889M-F12AHMU-⊚

* Replace symbol with 2 (2 m), 5 (5 m), or 10 (10 m) for standard cable lengths.
⊛ Replace symbol with 1 (1 m), 2 (2 m), 3 (3 m), 5 (5 m), or 10 (10 m) for standard cable lengths.
⊚ Replace symbol with 0M3, (0.3 m), 0M6 (0.6 m), 1 (1 m), 2 (2 m) or 3 (3 m) for standard lengths.
Note: For additional information, see page 7-1.

Accessories

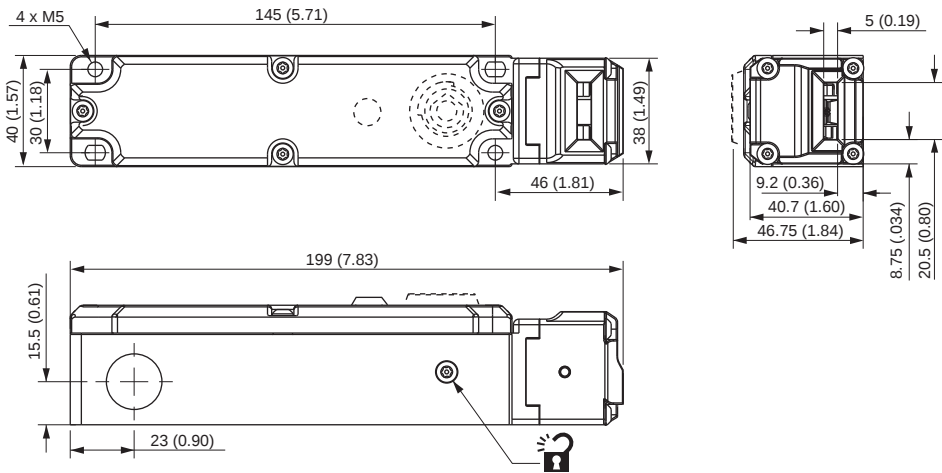
Description	Dimensions	Cat. No.
 GD2 standard actuator	3-50	440G-A27011
 GD2 flat actuator		440K-A11112
 Fully flex actuator		440G-A27143
 Sliding bolt actuator		440G-A27163
 Extended flat actuator		440K-A17116
 Replacement Cover, No LED, No Override Key	—	440G-MT47120
 Replacement Cover, LED, Override Key		440G-MT47123
 Emergency Override Key (See Warning below.)	—	440G-A36026
 Dust Cover	—	440K-A17180



WARNING: Do not attach the Emergency Override Key to the 440G-MT switch.

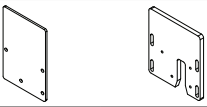
Approximate Dimensions

Dimensions are shown in mm (in.). Dimensions are not intended to be used for installation purposes.



Note: 2D, 3D and electrical drawings are available on www.ab.com.

Accessories

	Description	Dimensions	Cat. No.
	GD2 standard actuator	3-50	440G-A27011
	GD2 flat actuator	3-51	440K-A11112
	Extended flat actuator	3-51	440K-A17116
	Fully flex actuator	3-50	440G-A27143
	Sliding bolt actuator not to be used with the Escape Release	3-55	440G-A27163
	Cover for TLS-1 with external override key for series D and earlier	—	440G-A27140
	Cover for TLS-3 with external override key for series D and earlier		440G-A27142
	Cover for TLS-1 with override key attached for series D and earlier		440G-A27207
	Cover for TLS-3 with override key attached for series D and earlier		440G-A27208
	Cover for TLS-1 with external override key for series E and later		440G-A27371
	Cover for TLS-3 with external override key for series E and later		440G-A27372
	Cover for TLS-1 with override key attached for series E and later		440G-A27373
	Cover for TLS-3 with override key attached for series E and later		440G-A27374
	Emergency Override Key (See Warning below.)	—	440G-A36026
	Flexible Release—1 m (3.28 ft) Cable	3-54	440G-A27356
	Flexible Release—3 m (9.84 ft) Cable		440G-A27357
	Dust Cover	—	440K-A17183
	Sliding Bolt	3-55	440K-AMDS
	Mounting Plate	3-55	440K-AMDSSMPB

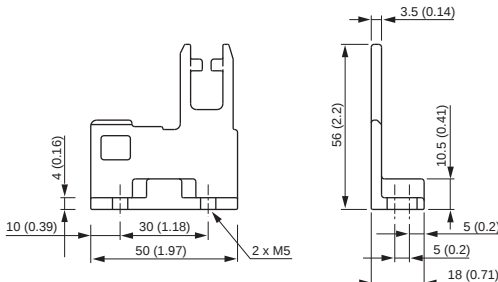
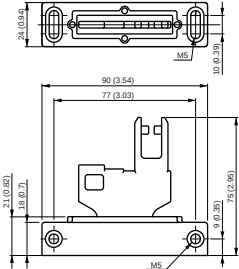
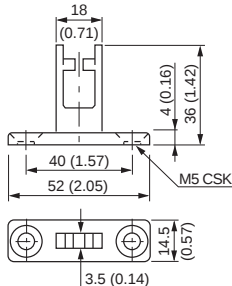
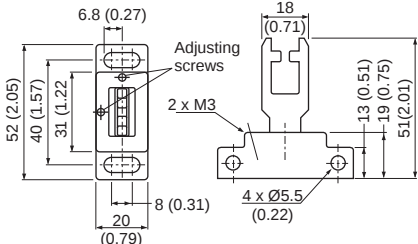
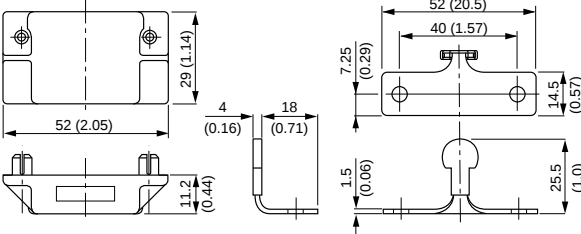
3-Interlock
Switches



WARNING: Do not attach the Emergency Override Key to the TLS-GD2 switch.

Accessories for Interlock and Guard Locking Switches

Actuators*

Item	Description	Approximate Dimensions [mm (in.)]	Cat. No.
	Standard actuator		440G-A07136
	Fully flex actuator		440G-A07269
	GD2 standard actuator		440G-A27011
	Fully flex actuator		440G-A27143
	Catch and Retainer Kit		440K-A11094

* See page 3-8 for Switch Compatibility table.

Product Selection

Type	Actuator Type	Trapped Key Condition	Cat. No.
Single key	Standard	Key trapped to release actuator	440T-MSSLE10*
	Flexible		440T-MSSLE11*
	Flat		440T-MSSLE12*
Dual key	Standard	Primary key trapped, secondary key free to release actuator	440T-MDSLE10*⊗
	Flexible		440T-MDSLE11*⊗
	Flat		440T-MDSLE12*⊗
	Standard	Both keys trapped to release actuator	440T-MDSLE20**
	Flexible		440T-MDSLE22**
	Flat		440T-MDSLE23**
Dual with secondary ejector key	Standard	Primary key trapped, secondary key free to release actuator	440T-MDSLJ10*⊗
	Flexible		440T-MDSLJ11*⊗
	Flat		440T-MDSLJ12*⊗

* Substitute the desired primary code for this symbol (key not included). See 3-107 for code selection.

⊗ Substitute the desired secondary code for this symbol (key included). See 3-107 for code selection.

Accessories

Description	Additional Information	Cat. No.
Stainless steel key	3-140	440T-AKEYE10⊗
Stainless steel ejector key		440T-AKEYE13⊗
Stainless steel replacement code barrel with dust cap		440T-ASCBE14*
Stainless steel weatherproof replacement dust cap		440T-ASFC10⊗
GD2 standard actuator	—	440G-A27011
GD2 flat actuator	—	440K-A11112
Fully flex actuator	—	440G-A27143

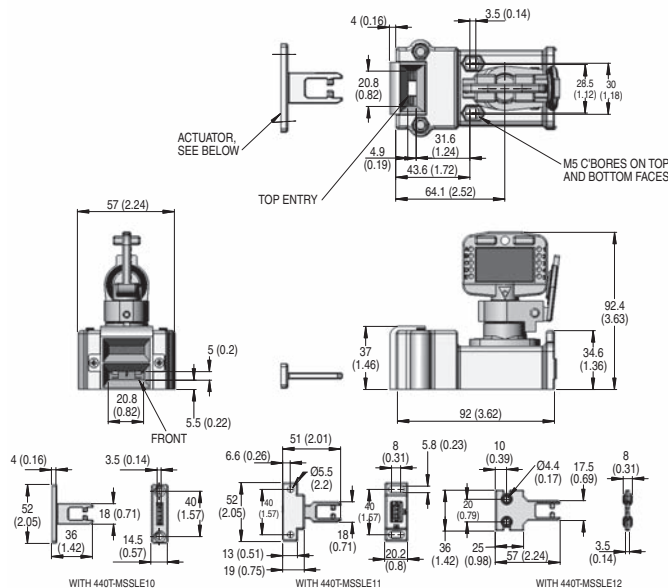
* Substitute the desired primary code for this symbol (key not included). See 3-107 for code selection.

⊗ Substitute the desired code for this symbol. See 3-107 for code selection.

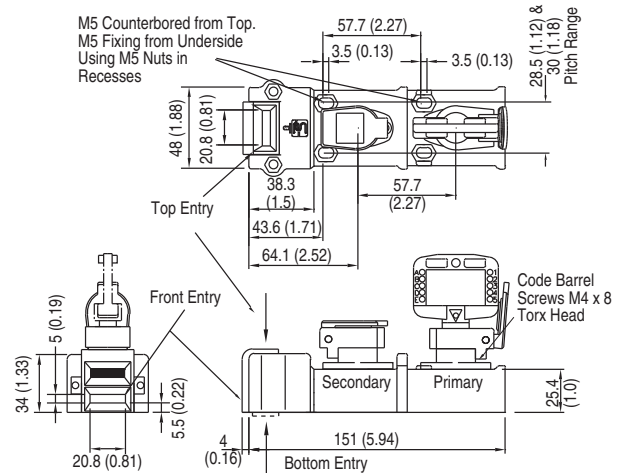
Approximate Dimensions [mm (in.)]

Dimensions are not intended to be used for installation purposes.

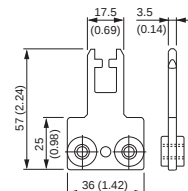
Single Key Slamlock



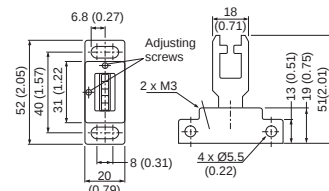
Dual Key Slamlock



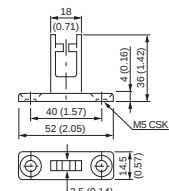
Flat Actuator



Flexible/Adjustable Actuator



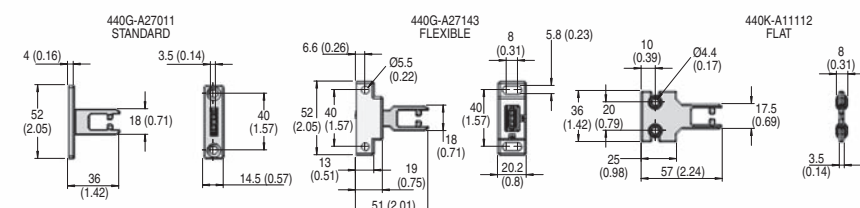
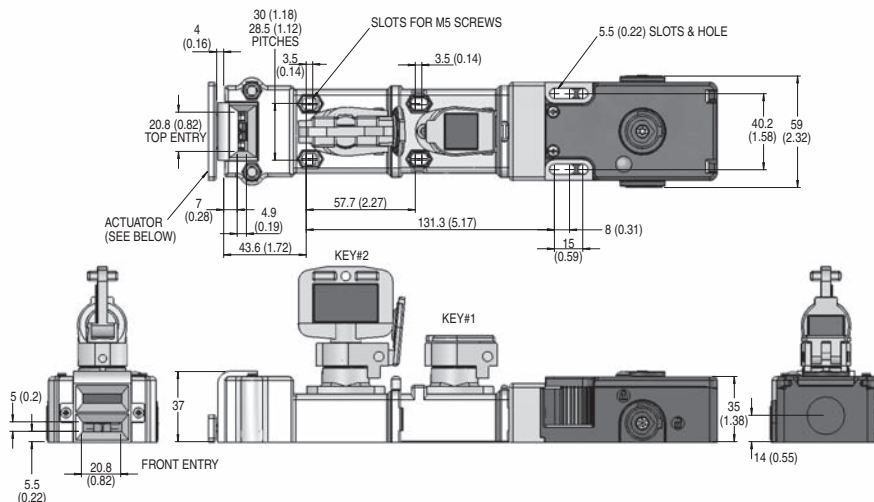
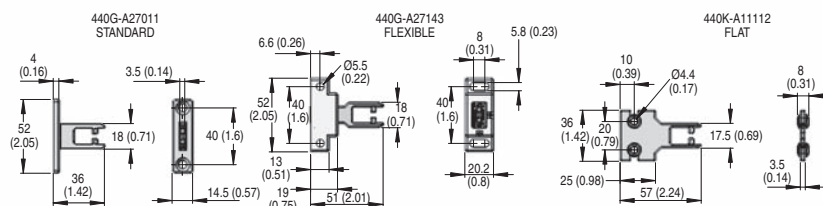
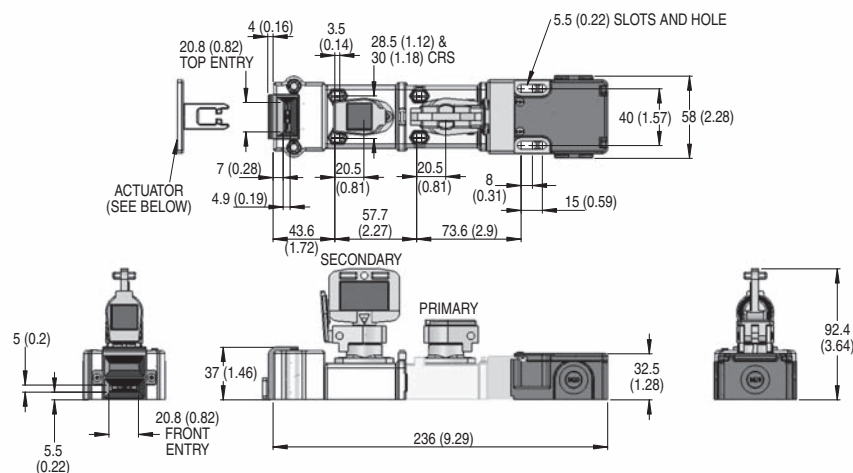
Standard Actuator



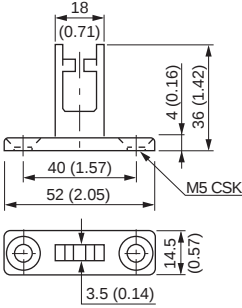
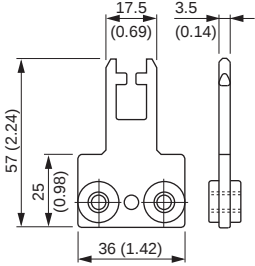
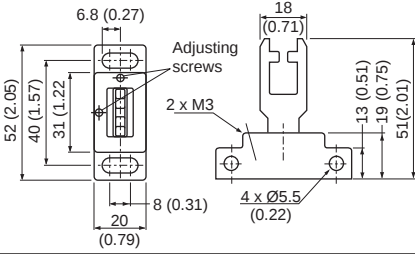
Approximate Dimensions [mm (in.)] (continued)

Dimensions are not intended to be used for installation purposes.

Dual Key Slamlock



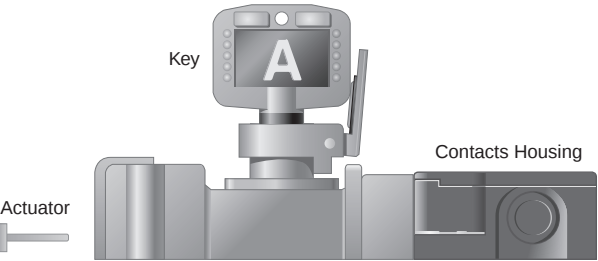
Accessories

Description		Approximate Dimensions [mm (in.)]	Cat. No.
	GD2 standard actuator		440G-A27011
	GD2 flat actuator		440K-A11112
	Fully flex actuator		440G-A27143
	Stainless steel key	page 3-140	440T-AKEYE10⊗
	Stainless steel replacement code barrel with dust cap		440T-ASCBE14*
	Stainless steel weatherproof replacement dust cap		440T-ASFC10⊗

* Substitute the desired primary code for this symbol (key not included). See 3-107 for code selection.
⊗ Substitute the desired code for this symbol. See 3-107 for code selection.

Typical Applications

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



Locking force = 2000 N (450 lb)

3-Trapped Key
Switches