4 & 6 Tumbler Power Switchlocks

Features/Benefits

- Positive detent
- Multi-pole and multi-position
- Snap-together assembly
- Power switching



Models Available

Typical Applications

- Machine controls
- Elevators



Specifications

CONTACT RATING: Q contact material: 12 AMPS @ 125 V AC; 6 AMPS @ 250 V AC; 1 AMP @ 125 V DC (UL/CSA). See page M-42 for additional ratings.

ELECTRICAL LIFE: 10,000 make-and-break cycles at full load. CONTACT RESISTANCE: Below 10 m Ω typ. initial @ 2-4 V DC, 100 mA, for both silver and gold plated contacts.

INSULATION RESISTANCE: $10^9~\Omega$ min.

DIELECTRIC STRENGTH: 1,000 Vrms min. @ sea level.

OPERATING TEMPERATURE: -30°C to 85°C.

INDEXING: 45° or 90°, 2-4 Positions.

NOTE: Any models supplied with Q or B contact material are RoHS compliant

NOTE: Specifications and materials listed above are for switchlocks with standard options For information on specific and custom switchlocks, consult Customer Service Center.

Materials

LOCK: Zinc alloy with stainless steel facing (4 tumbler locks and 6 tumbler tubular lock).

KEYS: Two nickel plated brass keys with code number (4 tumbler). Two die cast chrome plated zinc alloy keys (6 tumbler).

SWITCH HOUSING: 6/6 nylon (UL 94V-2).

CONTACTS & TERMINALS: Q contact material: Copper, silver plated. See page L-42 for additional contact materials.

CONTACT SPRING: Music wire or stainless steel.

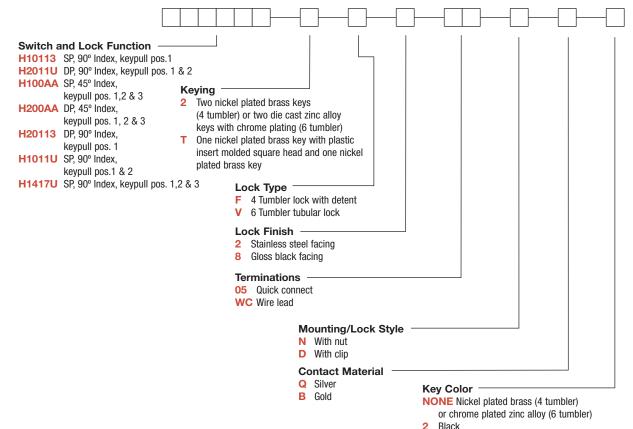
MOUNTING NUT: Zinc alloy.

MOUNTING CLIP: Steel, zinc plated. DRESS NUT: Brass, nickel plated.

TERMINAL SEAL: Epoxy.

Build-A-Switch

To order, simply select desired option from each category and place in the appropriate box. Available options are shown and described on pages L-40 through L-42. For additional options not shown in catalog, consult Customer Service Center.





Dimensions are shown: Inch (mm) Specifications and dimensions subject to change

SWITCH AND LOCK FUNCTION

			CONNECTED TERMINALS						
NO. TUMBLERS	NO. POLES	MODEL NO.	POS. 1	POS. 2	POS. 3	POS. 4	KEY PULL POSITIONS	LOCK CONFIGURATION	INDEXING
4	SP DP	H100AA H200AA	7-8 7-8, 3-4	8-1 8-1, 4-5	6-7 6-7, 2-3		Positions 1, 2 & 3	3 P05.1	45°
4 & 6	SP DP	H10113 H20113	7-8 7-8, 3-4	8-2 8-2, 4-6			Position 1	P05.1	
4 & 6	SP DP	H1011U H2011U	7-8 7-8, 3-4	8-2 8-2, 4-6			Positions 1 & 2	P05.1	90°
4	SP	H1417U	6-8	8-2	5-6		Positions 1, 2 & 3	P05.1	

All models



with all options when ordered with 'G' or 'Q' contact material.

LEGEND

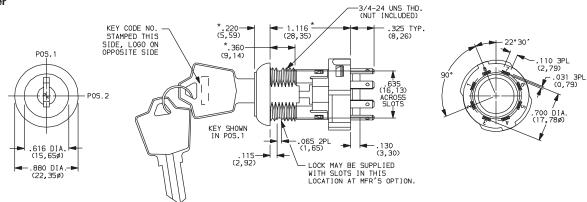
- = Detent Positions (45° or 90°)
- Exercise the second of the second of
- = Stop Positions

TERMINAL NUMBERS



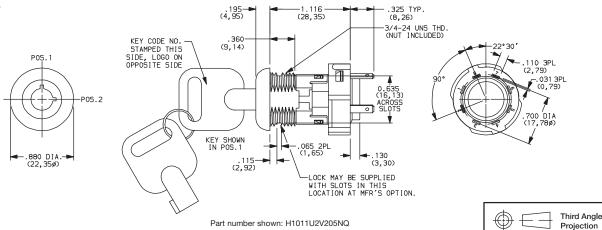
Terminal numbers molded on housing.

4 Tumbler



Part number shown: H101132F205NQ

6 Tumbler



C&K

Dimensions are shown: Inch (mm) Specifications and dimensions subject to change

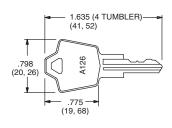
KEYING ----

OPTION CODE	KEY OPTIONS	CODE NO. ON KEY	CODE NO. ON LOCK
2	2 NICKEL PLATED BRASS KEYS (4 TUMBLER) OR 2 CHROME PLATED ZINC ALLOY KEYS (6 TUMBLER)	YES	NO
Т	1 NICKEL PLATED BRASS KEY WITH PLASTIC INSERT MOLDED SQUARE HEAD & 1 NICKEL PLATED BRASS KEY	YES	NO

OPTION CODE	KEY COLOR		
NONE	NICKEL PLATED BRASS (4 TUMBLER) OR CHROME PLATED ZINC ALLOY (6 TUMBLER)		
2	BLACK		

NOTE: All orders keyed alike, standard. For more than one key code, replacement keys, or other special features, consult Customer Service Center.

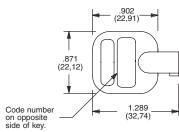
NICKEL PLATED BRASS KEY



NICKEL PLATED BRASS KEY WITH PLASTIC INSERT MOLDED SQUARE HEAD 1.766 (4 TUMBLER) (44, 85)

.948 (19, 68)Key part number: 11599112602

CHROME PLATED ZINC ALLOY KEY



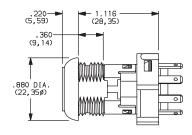
Key part number: 363C1AAAA

Key part number: 115140126

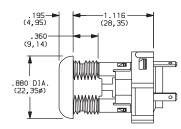
NOTE: Key head shape subject to change without notice.

LOCK TYPE ------

4 TUMBLER LOCK WITH ADDED DETENT



6 TUMBLER TUBULAR LOCK



LOCK FINISH

STAINLESS STEEL FACING

Switchlock | T | T |



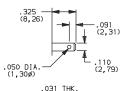


GLOSS BLACK FACING

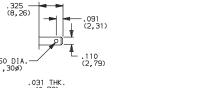


V lock type only.

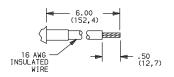
TERMINATIONS



.110" QUICK CONNECT



WIRE LEAD



Black wire standard, other colors, gages and lengths available, consult Customer Service Center. UL style 1015.

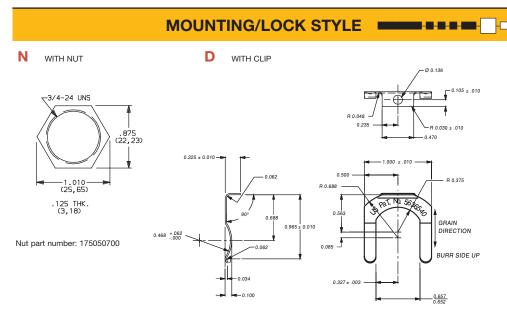


Dimensions are shown: Inch (mm) Specifications and dimensions subject to change

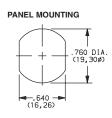


05

H Series 4 & 6 Tumbler Power Switchlocks

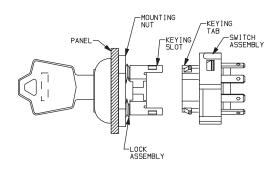


Clip part number: 906B00000



MOUNTING STYLES	PANEL THICKNESS		
D	.065085 (1,65-2,16)		
N	.195 (4,95) max.		

Switch and Lock Assembly Instructions



- 1. Place lock assembly in mounting hole on panel, secure with mounting nut.
- 2. Align keying tab on switch assembly with keying slot on lock assembly.
- 3. Snap assemblies together.
- 4. Switch installation is permanent. Switch cannot be removed from lock after assembly. Attempting to separate switch and lock may cause damage to switchlock.

CONTACT MATERIAL



OPTION CODE			CONTACT AND TERMINAL MATERIAL	RATING		
Q	YES	YES	SILVER ²	POWER	12 AMPS @ 125 V AC; 6 AMPS @ 250 V AC; 1 AMP @ 125 V DC (UL/CSA).	
В	YES	YES	GOLD 1	LOW LEVEL/DRY CIRCUIT	0.4 VA MAX. @ 20 V AC or DC MAX.	

 $^{^{\}rm 1}$ CONTACTS & TERMINALS: Copper, with gold plate over nickel plate. $^{\rm 2}$ CONTACTS & TERMINALS: Copper, silver plated.

with all options when ordered with 'Q' contact material.



Specifications and dimensions subject to change



^{*} Note: See Technical Data section of this catalog for RoHS compliant and compatible



Key Code: A126 4 TUMBLER PART NO. (ONE KEY)

115140126

Material: Brass Finish: Nickel plate



Key Code: AAAA PART NO. (ONE KEY) 363C1AAAA

Material: Zinc Alloy Finish: Chrome plate



Key Code: A126 4 TUMBLER

PART NO. (ONE KEY)

1159112602 BLACK

Material: Brass Finish: Nickel plate 6/6 Nylon insert molded head





Third Angle Projection

Dimensions are shown: Inch (mm) Specifications and dimensions subject to change

