### 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  $\Omega$  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.

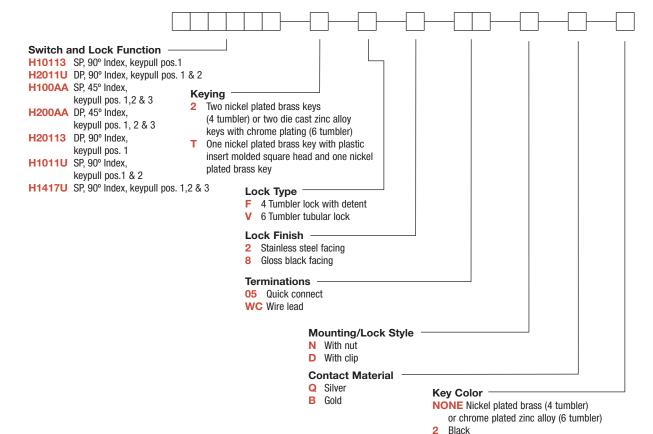
MOUNTING NUT: Zinc alloy.

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	P0S.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

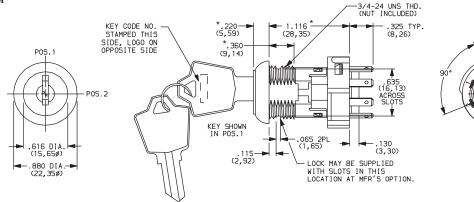
### TERMINAL NUMBERS



Terminal numbers molded on housing.

.325 TYP. (8,26)

### 4 Tumbler

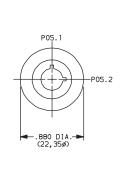


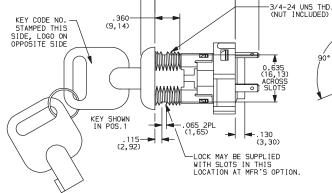
.195-



-1.116 -(28,35)

### 6 Tumbler





Part number shown: H1011U2V205NQ



Third Anale Projection

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



.110 3PL (2,79) -.031 3PL (0,79)

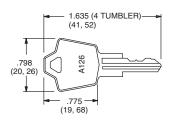
# KEYING ----

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

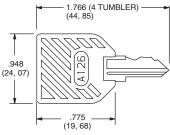
OPTION CODE	KEY COLOR			
NONE	NICKEL PLATED BRASS (4 TUMBLER) OR CHROME PLATED ZINC ALLOY (6 TUMBLER)			
2	BLACK			

**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

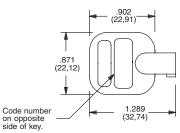


NICKEL PLATED BRASS KEY WITH PLASTIC INSERT MOLDED SQUARE HEAD



Key part number: 11599112602

CHROME PLATED ZINC ALLOY KEY



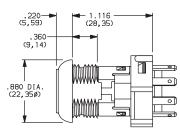
Key part number: 363C1AAAA

Key part number: 115140126

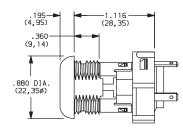
NOTE: Key head shape subject to change without notice.

### LOCK TYPE

F 4 TUMBLER LOCK WITH ADDED DETENT



V 6 TUMBLER TUBULAR LOCK



### LOCK FINISH

2 STAINLESS STEEL FACING

.110" QUICK CONNECT

Switchlock | | | | |



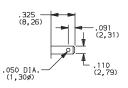


Available with V lock type only.

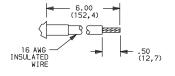
8 GLOSS BLACK FACING



## **TERMINATIONS**



WC WIRE LEAD



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

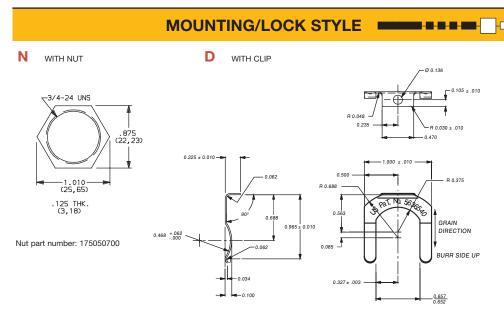


Dimensions are shown: Inch (mm) Specifications and dimensions subject to change

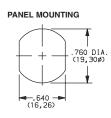


05

# **H** Series 4 & 6 Tumbler Power Switchlocks

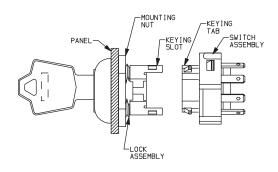


Clip part number: 906B00000



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	RoHS COMPLIANT*	RoHS COMPATIBLE*	CONTACT AND TERMINAL MATERIAL	RATING		
Q	YES	YES	SILVER <sup>2</sup>	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.	

 $<sup>^{\</sup>rm 1}$  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



<sup>\*</sup> Note: See Technical Data section of this catalog for RoHS compliant and compatible

### **AVAILABLE HARDWARE**



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

