

## Key Switches, Medium Security

### MATERIAL SPECIFICATIONS

Contacts .....Silver  
Cylinder Material.....Zinc alloy  
Lock Body .....Zinc alloy  
Key Material .....Brass  
Terminals/Fixed Contacts ....Screw type  
Beveled Frame Finish .....302 Stainless steel

### ENVIRONMENTAL SPECIFICATIONS

Solder Heat Resistance .....See page M3-4

### TYPICAL PERFORMANCE CHARACTERISTICS

Contact Rating .....1A at 120 VAC resistive  
Initial Contact Resistance .....50 Milliohms max.  
Contact Timing.....Non-shorting  
Plunger/Actuator Travel .....90°  
Key Changes .....25 Standard  
Life Expectancy .....Up to 10,000 Cycles

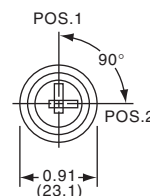
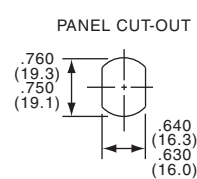
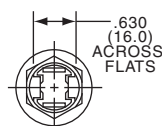
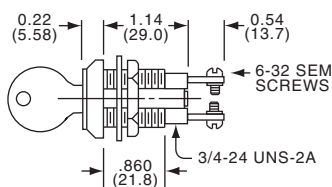
**NOTE: All Keylocks are supplied with 2 brass keys on a ring.**

### SPST

#### 5 Disc Tumblers



2SWK131



| Part Number      |              |      |        |        |                 | Part Number      |              |                                                                |        |        |            |
|------------------|--------------|------|--------|--------|-----------------|------------------|--------------|----------------------------------------------------------------|--------|--------|------------|
| Tyco Electronics | Alcoswitch   | Type | Pos. 1 | Pos. 2 | Remove Key      | Tyco Electronics | Alcoswitch   | Type                                                           | Pos. 1 | Pos. 2 | Remove Key |
| 1-1437597-7      | 2SWK131AL101 | SPST | Off    | On     | Position 1      | 2-1437597-7      | 2SWK231AL101 | SPST                                                           | Off    | (On)   | Position 1 |
| 2-1437597-3      | 2SWK132AL101 | SPST | Off    | On     | Position 1 or 2 | 4-1437597-3      | SWK1323AL101 | Spare Key for SWK Series<br>(On) indicates momentary position. |        |        |            |
|                  |              |      |        |        |                 |                  |              |                                                                |        |        |            |

## 2 Position Key Switch

### MATERIAL SPECIFICATIONS

|                          |                      |
|--------------------------|----------------------|
| Contacts                 | Gold or silver plate |
| Cylinder Material        | Zinc alloy           |
| Lock Body                | Zinc alloy           |
| Key Material             | Brass                |
| Terminals/Fixed Contacts | Tin lead plate       |
| Terminal Seal            | SP epoxy             |

### ENVIRONMENTAL SPECIFICATIONS

|                        |                                  |
|------------------------|----------------------------------|
| Operating Temperature  | -30°C to +85°C (-22°F to +185°F) |
| Storage Temperature    | -30°C to +85°C (-22°F to +185°F) |
| Solder Heat Resistance | See page M3-4                    |

### TYPICAL PERFORMANCE CHARACTERISTICS

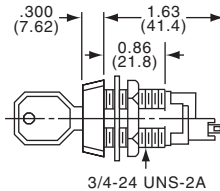
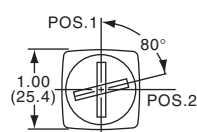
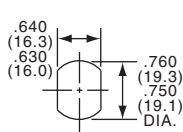
|                            |                                                                                   |
|----------------------------|-----------------------------------------------------------------------------------|
| Contact Rating             | Gold: 0.4 VA max. @ 20 VDC or peak AC<br>Silver: 3A @ 125 VAC or 28 VDC resistive |
| Initial Contact Resistance | 20 Milliohms max.                                                                 |
| Contact Timing             | Non-shorting                                                                      |
| Insulation Resistance      | 1,000 Megohms @ 500 VDC min.                                                      |
| Dielectric Strength        | 1,000 Volts @ sea level                                                           |
| Actuator Travel            | 80°                                                                               |

**Note:** All keylocks are supplied with 2 brass keys on a ring.

SPDT/DPDT

4 Disc Tumblers

PANEL CUT-OUT



SKT131

| Tyco Electronics | Alcoswitch   | Type                       | ①  | ②  | Remove Key | Contacts |
|------------------|--------------|----------------------------|----|----|------------|----------|
| 1437598-4        | SKT131AEL01  | SPDT                       | On | On | 1 Only     | Silver   |
| 1437598-5        | SKT131GAEL01 | SPDT                       | On | On | 1 Only     | Gold     |
| 1437598-7        | SKT132AEL01  | SPDT                       | On | On | 1 or 2     | Silver   |
| 1437598-8        | SKT132GAEL01 | SPDT                       | On | On | 1 or 2     | Gold     |
| 1437598-9        | SKT331AEL01  | DPDT                       | On | On | 1 Only     | Silver   |
| 1-1437598-0      | SKT331GAEL01 | DPDT                       | On | On | 1 Only     | Gold     |
| 1-1437598-1      | SKT332AEL01  | DPDT                       | On | On | 1 or 2     | Silver   |
| 1-1437598-3      | SKT332GAEL01 | DPDT                       | On | On | 1 or 2     | Gold     |
| 3-1437598-4      | SK1323AEL01  | Spare key for SKT13 Series |    |    |            |          |

## Medium Security Key Switch

### MATERIAL SPECIFICATIONS

Contacts .....Silver  
 Cylinder Material .....Zinc alloy  
 Lock Body .....Zinc alloy  
 Key Material .....Brass  
 Terminals/Fixed Contacts ...Screw type  
 Beveled Frame Finish .....Brushed chrome

### ENVIRONMENTAL SPECIFICATIONS

Operating Temperature .....-22°F + 185° F (-30°C to +85°C)  
 Storage Temperature .....-22°F + 185° F (-30°C to +85°C)  
 Solder Heat Resistance .....See page M3-4

### TYPICAL PERFORMANCE CHARACTERISTICS

Contact Rating .....1 A @ 120 VAC resistive  
 Initial Contact Resistance ...50 Milliohms max.  
 Contact Timing .....Non-shorting  
 Actuator Travel .....90°  
 Key Changes .....10 Standard  
 Life Expectancy .....Up to 10,000 Cycles

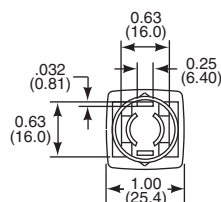
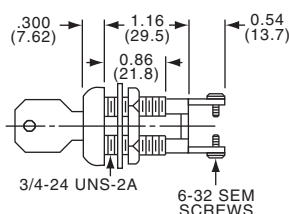
**NOTE: All Keylocks are supplied with 2 brass keys on a ring.**

### SPST

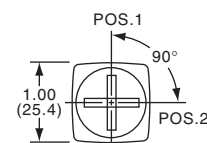
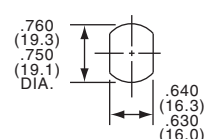
#### 4 Disc Tumblers



SKF131



#### PANEL CUT-OUT



| Tyco Electronics | Alcoswitch   | Type | Pos. 1 | Pos. 2 | Remove Key      | Tyco Electronics | Alcoswitch   | Type                               | Pos. 1 | Pos. 2 | Remove Key |
|------------------|--------------|------|--------|--------|-----------------|------------------|--------------|------------------------------------|--------|--------|------------|
| 1437597-1        | 2SKF131AEL01 | SPST | Off    | On     | Position 1      | 1-1437597-1      | 2SKF231AEL01 | SPST                               | Off    | (On)   | Position 1 |
| 1437597-7        | 2SKF132AEL01 | SPST | Off    | On     | Position 1 or 2 | 3-1437597-4      | SK1323AEL01  | Spare key for SK Series            |        |        |            |
| 1-1437597-0      | 2SKF133AEL01 | SPST | On     | Off    | Position 1      |                  |              | (On) indicates momentary position. |        |        |            |

## High Security Key Switch

### MATERIAL SPECIFICATIONS

Contacts .....Silver  
Cylinder Material .....Zinc alloy  
Lock Body .....Zinc alloy  
Actuator Material .....Brass key  
Terminals/Fixed Contacts.....Screw type  
Beveled Frame Finish .....Polished chrome

### ENVIRONMENTAL SPECIFICATIONS

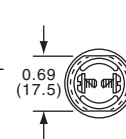
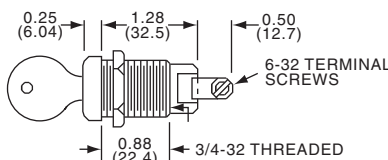
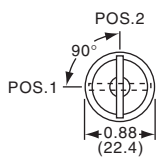
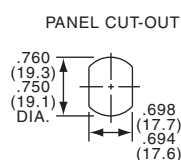
Operating Temperature.....-22°F to +185° (-30°C to +85°C)  
Storage Temperature .....-22°F to +185° (-30°C to +85°C)  
Solder Heat Resistance.....See page M3-4

### TYPICAL PERFORMANCE CHARACTERISTICS

Contact Rating .....5A @ 115 VAC, 15A @ 24 VDC  
..... resistive  
Initial Contact Resistance ...50 Milliohms max.  
Contact Timing .....Non-shorting  
Dielectric Strength .....1,000 VAC @ sea level  
Actuator Travel .....90°  
Key Changes .....25 Standard  
Life Expectancy .....Up to 20,000 Cycles

**NOTE: All Keylocks are supplied with 2 brass keys on a ring.**

**SPST**  
**8 Disc Tumblers**



SWK12

| Tyco Electronics | Alcoswitch | Type                       | Pos. 1 | Pos. 2 | Remove Key      |
|------------------|------------|----------------------------|--------|--------|-----------------|
| 4-1437597-0      | SWK12F315  | SPST                       | On     | Off    | Position 1 or 2 |
| 3-1437597-6      | SWK121F315 | SPST                       | On     | Off    | Position 2      |
| 3-1437597-8      | SWK123F315 | SPST                       | On     | Off    | Position 1      |
| 4-1437597-2      | SWK12KF315 | Spare key for SWK12 Series |        |        |                 |



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Электрон  
Связь**

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