

Key Switches, Medium Security

MATERIAL SPECIFICATIONS

ContactsSilver
 Cylinder Material.....Zinc alloy
 Lock BodyZinc alloy
 Key MaterialBrass
 Terminals/Fixed ContactsScrew type
 Beveled Frame Finish302 Stainless steel

TYPICAL PERFORMANCE CHARACTERISTICS

Contact Rating1A at 120 VAC resistive
 Initial Contact Resistance50 Milliohms max.
 Contact Timing.....Non-shorting
 Plunger/Actuator Travel90°
 Key Changes25 Standard
 Life ExpectancyUp to 10,000 Cycles

ENVIRONMENTAL SPECIFICATIONS

Solder Heat ResistanceSee page M3-4

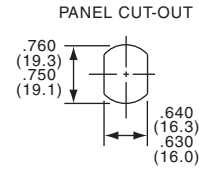
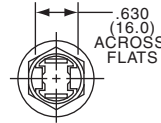
NOTE: All Keylocks are supplied with 2 brass keys on a ring.

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 (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

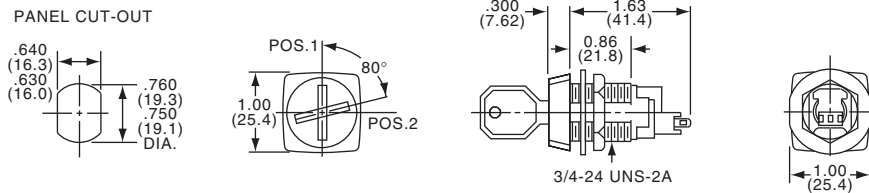
Operating Temperature -30°C to +85°C (-22°F to +185°F)
Storage Temperature -30°C to +85°C (-22°F to +185°F)
Solder Heat Resistance See page M3-4

TYPICAL PERFORMANCE CHARACTERISTICS

Contact Rating Gold: 0.4 VA max. @ 20 VDC or peak AC
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



SKT131

Table with 7 columns: Tyco Electronics, Alcoswitch, Type, On/Off symbols, Remove Key, and Contacts. It lists various SKT131 series models and their specifications.

Medium Security Key Switch

MATERIAL SPECIFICATIONS

ContactsSilver
 Cylinder MaterialZinc alloy
 Lock BodyZinc alloy
 Key MaterialBrass
 Terminals/Fixed Contacts ...Screw type
 Beveled Frame FinishBrushed chrome

TYPICAL PERFORMANCE CHARACTERISTICS

Contact Rating1 A @ 120 VAC resistive
 Initial Contact Resistance ...50 Milliohms max.
 Contact TimingNon-shorting
 Actuator Travel90°
 Key Changes10 Standard
 Life ExpectancyUp to 10,000 Cycles

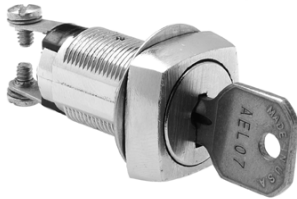
ENVIRONMENTAL SPECIFICATIONS

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

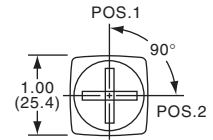
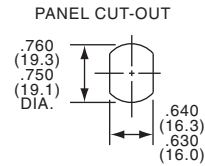
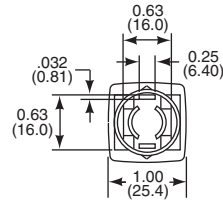
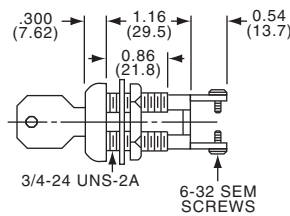
NOTE: All Keylocks are supplied with 2 brass keys on a ring.

SPST

4 Disc Tumblers



SKF131



| 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. | | | |

H

SKF Series

High Security Key Switch

MATERIAL SPECIFICATIONS

ContactsSilver
 Cylinder MaterialZinc alloy
 Lock BodyZinc alloy
 Actuator MaterialBrass key
 Terminals/Fixed Contacts.....Screw type
 Beveled Frame FinishPolished chrome

ENVIRONMENTAL SPECIFICATIONS

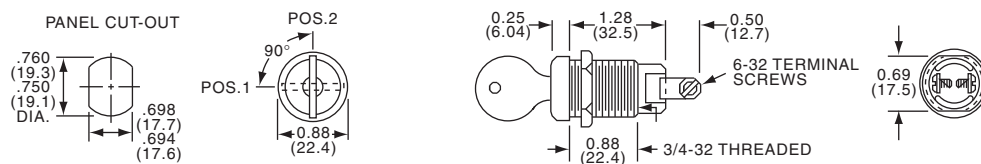
Operating Temperature.....-22°F to +185° (-30°C to +85°C)
 Storage Temperature-22°F to +185° (-30°C to +85°C)
 Solder Heat Resistance.....See page M3-4

TYPICAL PERFORMANCE CHARACTERISTICS

Contact Rating5A @ 115 VAC, 15A @ 24 VDC
 resistive
 Initial Contact Resistance ...50 Milliohms max.
 Contact TimingNon-shorting
 Dielectric Strength1,000 VAC @ sea level
 Actuator Travel90°
 Key Changes25 Standard
 Life ExpectancyUp 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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