

## LOKJAC Category 6A STP tool-less locking keystone



### **LOKJAC Category 6A STP tool-less locking keystone (SGKSLJ)**

Our locking Category 6A jack offers a tool-less keystone solution for almost any Category 6A locking requirement. The patented locking mechanism offers the dual benefit of blocking unauthorised access to unused sockets and avoiding unintended disconnection where interference is a concern.

The LOKJAC also offers the facility of high-speed tool-less installation, which saves the installer time on time-critical applications. The IDC's are designed with staggered pin gaps, resulting in excellent installation speed and retention force compared to standard tool-less IDC components.

### **Features**

- High performance data throughput, meets Category 6A data transfer rates at permanent link level
- Locked securely into place with LOKJAC key, with easy lock and release mechanism (supplied separately)
- Locking bar blocks unauthorised access to unused socket
- Compliant with IEC 60512-99-001 – suitable for use with IEEE 802.3at (POE+) applications
- High speed tool-less installation
- Can be terminated with either 110 or LSA+ type tools if conventional punch down termination is preferred.
- Standard format keystone fits a wide range of panels, adaptors and faceplates
- STP socket for shielded applications
- Available in Panel mount and D UNIVERSAL versions:- SGKSLJpm and SGKSLJDSpm.
- **N.B. Cannot be used without LOKJAC key (TLJ)**

### **Specifications**

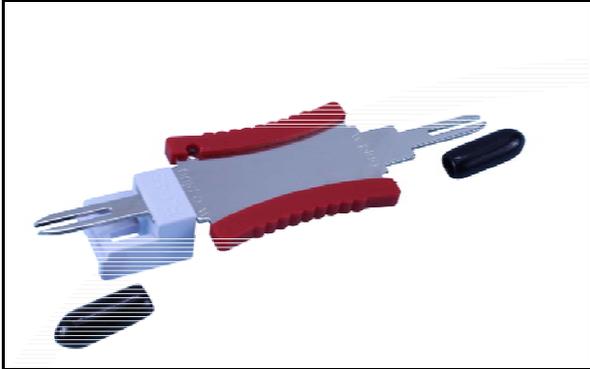
- Weight: 18g approx.
- Dimensions: 38.75 x 22.3 x 16.6mm
- Colour: silver
- Material:
  - Body: fireproof ABS UL-94V0
  - Jack: 8p8c 50 $\mu$ "/1.27  $\mu$ m gold plated
  - Shielding: nickel-plated brass
  - PCB: FR-4 / UL-94V0
  - Lock bar: metal (SPCC)
  - IDC description: 22-26 AWG / 0.404 – 0.643mm
- Electrical specifications:
  - Insulation Resistance: 500 M $\Omega$  (min.)
  - Contact Resistance: 20 m $\Omega$  (max.)
  - Current Rating: 1.5 Amps
  - DC Resistance: 0.1 $\Omega$ (max.)
  - Withstanding Voltage: 1000 VAC RMS @ 60Hz / 1 min
- Mechanical specifications:
  - IDC Punch Down Cycle: Over 250 Cycles (min.)
  - Jack Insertion Cycle: Over 2000 Cycles (min.)
- Operation Temperature: -40 °C ~ +70 °C
- Key (TLJ): Dimensions: 84 x 25 x 12mm (LxWxH)  
Weight: 10 grams

**Packaging:** in individual polythene bag then in packs of 20

**Commodity code:** 85444920

**EAN:** 5055386507884

**Video:** Please follow the link below to view videos about termination and installation



**TLJ**



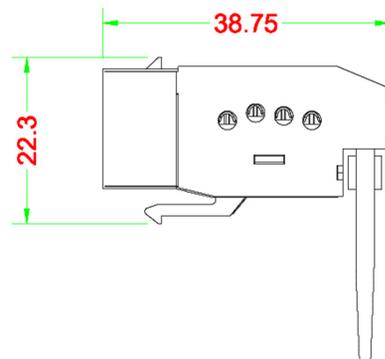
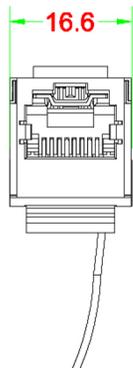
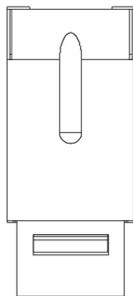
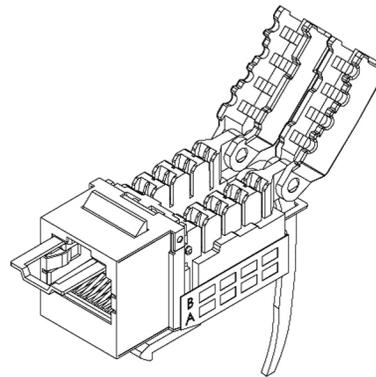
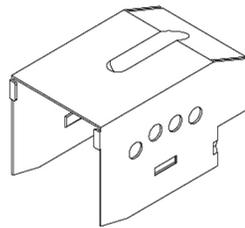
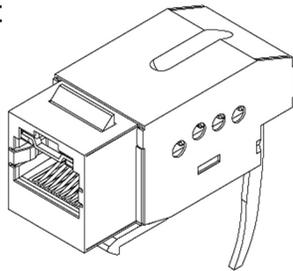
**SGKSLJDSpm**



**SGKSLJpm**

ROHS Compliant

**Code: SGKSLJ**



- Performance:  
Meets C6A EIA/TIA 568C Standard.

- Materials:

Body : Fireproof ABS UL-94V0

Metallic Case : Metal

Jack : 8P8C 50μ"/1.27μm gold plated

PCB : FR-4 / UL-94V0

IDC Cap : Fireproof PC

IDC Body: Fireproof ABS UL-94V0

IDS Pin : Phosphor Bronze & Tinned

Lock Bar : Metal (SPCC)

IDC Description : For 22-26 AWG / 0.404 - 0.643 mm

For 110 or Krone punch-down Tool

Tooless (when use IDC cap directly)

- Electrical Specifications:

Insulation Resistance: 500 MΩ (min.)

Contact Resistance: 20 mΩ (max.)

Current Rating: 1.5 Amps

DC Resistance: 0.1Ω(max.)

Withstanding Voltage: 1000 VAC RMS @ 60Hz / 1 min.

- Mechanical Specification:

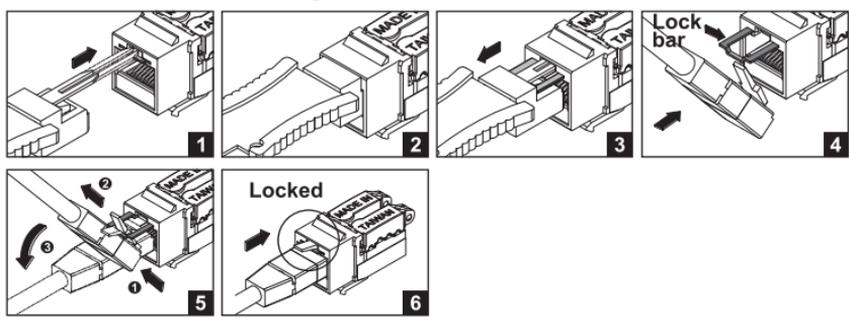
IDC Punch Down Cycle: Over 250 Cycles (min.)

Jack Insertion Cycle: Over 2000 Cycles (min.)

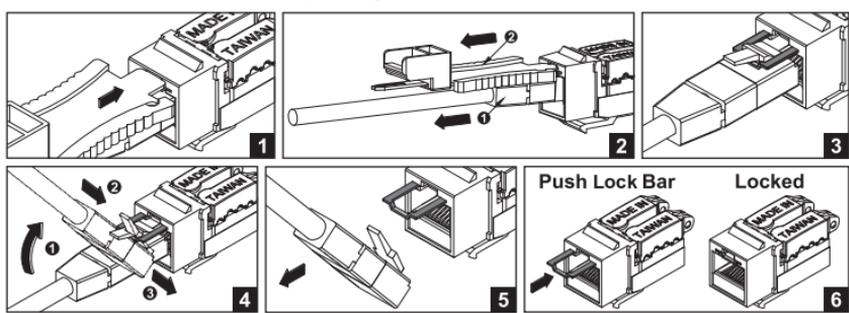
- Operation Temperature: -40 °C ~ +70 °C

# ↗ LOKJAC Instruction Manual ↖

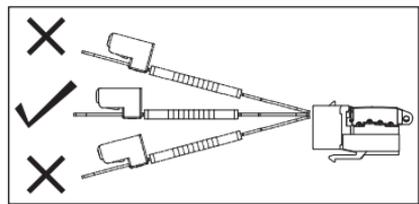
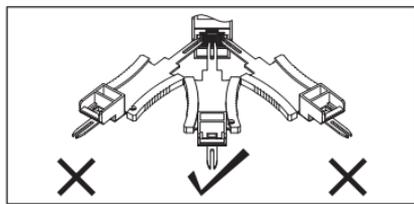
## To lock the plug



## To release the plug



**NB.**



# FTP Tooless Keystone Jack Installation Instruction

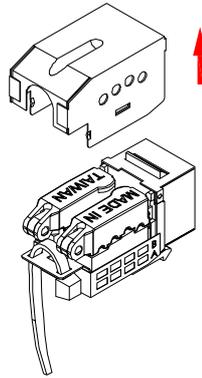
## Step 1

To strip around 30mm of cable jacket, turn and arrange the braid to back, and peel the surplus foil of each twisted pair.



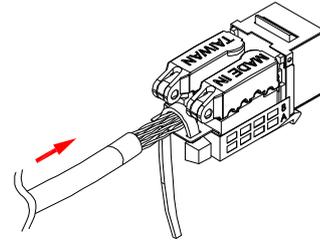
## Step 2

Open the metallic cover.



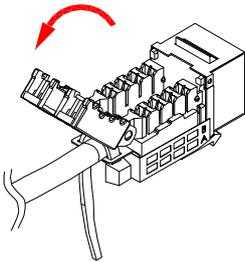
## Step 3

Through the cable pass the cable tie and into the middle between two IDC, lets the jacket and braid lie down on the rear side metallic flat base.



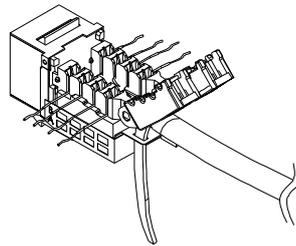
## Step 4

Open the tooless caps.



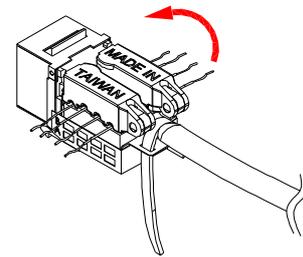
## Step 5

Arrange and install the twisted pair into each IDC gap depends on the color code.



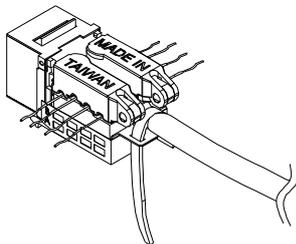
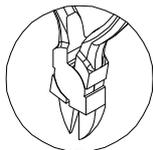
## Step 6

Press the tooless cap one by one.



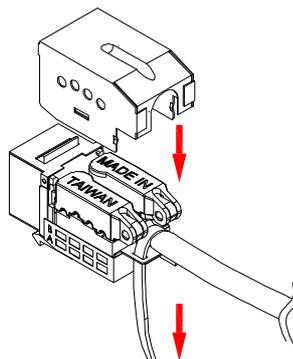
## Step 7

Cut the surplus wires  
Be attention : don't let any wire over the edge of tooless cap too more, otherwise will touch the metallic cover that will cause "Short Circuit"



## Step 8

Fasten the cable tie and put back the metallic cover.



## Step 9

Completed.  
If necessary, cut the surplus cable tie.

