

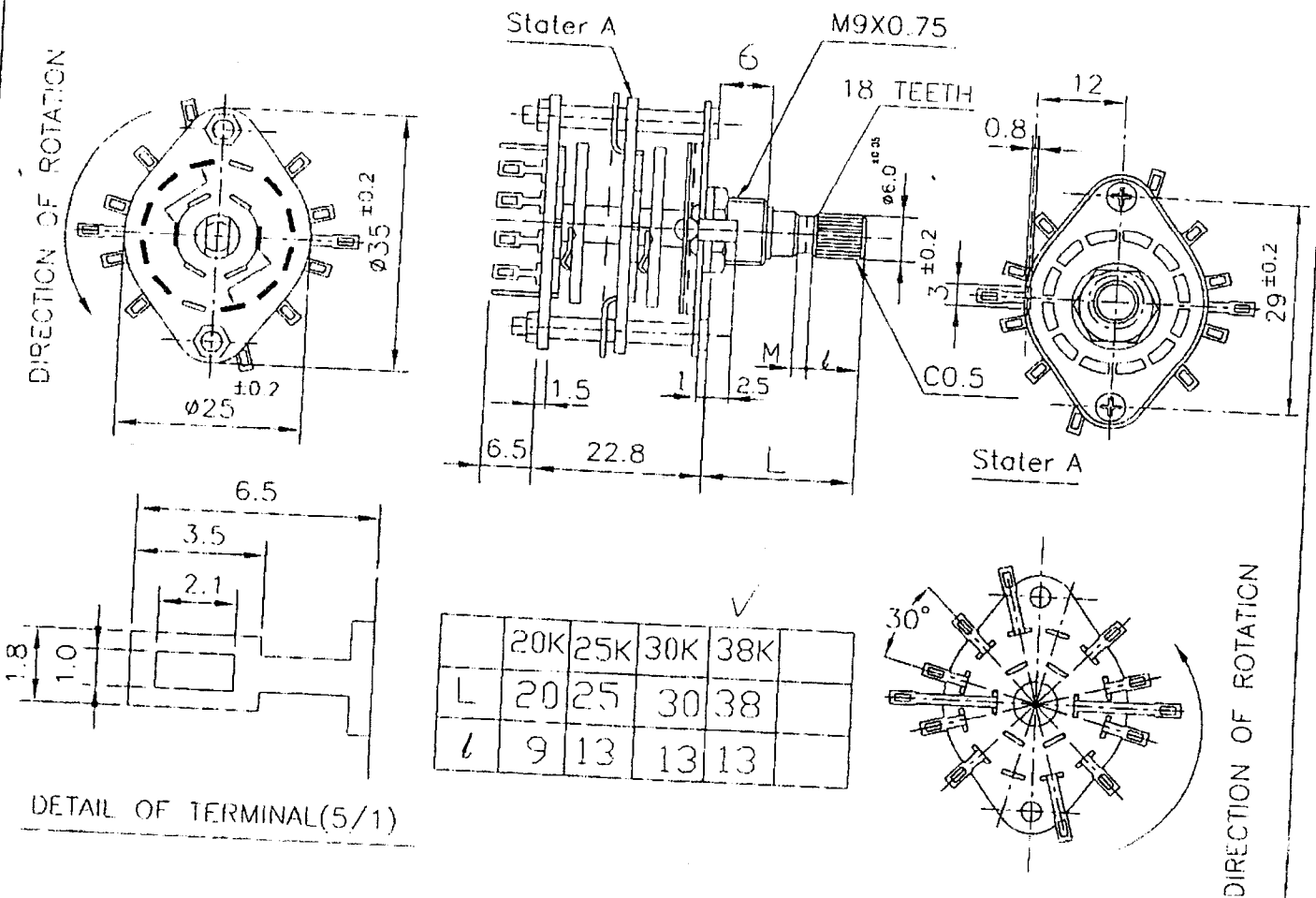
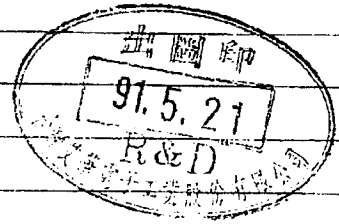
ROTARY SWITCH (MS 2, 4, 5)

MODEL

SR2921-0205-LK0A-C9-S-045

SPECIFICATIONS

Rating	AC125V 0.3A
Contact Resistance	30 mΩ Max.
Insulation Resistance	DC500V-100 MΩ Min.
Withstand Voltage	AC500V-1 Minute
Rotation Torque	1.0±0.5 Kg-cm
Life	10,000 cycles



NOTE: 1. TOLERANCES UNLESS OTHERWISE SPECIFIED: $\pm 0.4\text{mm}$
 2. ACCESSORY PARTS: $\phi 9$ HEXAGON NUT ONE PIECE & WASHER ONE PIECES

Date 2002.05.21

DWN

范
91.5.21
登婷

CHKD

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SPECIFICATIONS

SR29

P1

MODEL

1. TEST CONDITIONS

Standard test conditions shall be 5-35° c in temperature and 45-85%RH in humidity. Should any doubt arise in judgment test shall be conducted at 20[±]2° c and 65[±] 5%RH.

2. OUTSIDE DIMENSION

Append drawing.

3. MECHANICAL PERFORMANCE

1. OPERATING FORCE 1.0 ⁺ 0.5 gf-cm

Operation temperature -10° c~+70° c (storage temperature -40° c~+85° c)

2. CONTROL STRENGTH

A static load of 1000 gf-cm shall be applied in the operating direction and tensile direction of the control unit for one minute.

3. TERMINAL STRENGTH

A static load of 500 gf-cm shall be applied to the tip of the terminal in a desired direction for one minute.

The number of tests shall be one per terminal.

4. CONTROL WOBBLE

Less than 1 mm. shall be measured by applying a static load of 100 gf-cm to the tip of control unit.

5. SOLDER HEAT RESISTANCE

The test shall be conducted under the following condition and confirmed after that:

Flux immersion shall be made for 5-10 seconds under normal temperature.

Automatic soldering temperature 300 [±] 10° c, immersing time 3 [±] 0.5 sec.

The switch shall be allowed to stand under normal temperature for 1 hour, shall be free from pronounced deformation and mechanical abnormalities.

6. SOLDERABILITY

The test shall be conducted under the following condition and confirmed after that:

Flux immersion shall be made for 5-10 seconds under normal temperature.

Automatic soldering: temperature 230[±]5° c, immersing time 3[±]0.5. More than 75% of the immersed part shall be covered with solder.

4. ELECTRICAL PERFORMANCE

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P2

1. RATING 125 VAC 0.3 A

2. CONTACT RESISTANCE

Less than 50 m Ω . shall be measured at 1KHz \pm 200Hz (max. 20mv max. 50mA) or 5VDC, 1A by a voltage drop method.

3. INSULATION RESISTANCE

More than 100M Ω . shall be measured by applying 500 VDC. between all terminals and between the terminal and the frame for one minute \pm 5 seconds.

4. WITHSTAND VOLTAGE

500 VAC (50-60Hz, 2mA) shall be applied between all terminals and between the terminal and frame for one minute.

5. DURABILITY

1. OPERATING LIFE UNDER NO LOAD

10,000 cycles of operation shall be performed continuously at a rate of 15-20 cycles per minute without load.

After operating life test, shall be in accordance with the following specifications.

contact resistance

less than 55 m Ω .

insulation resistance

more than 10M Ω .

WITHSTAND VOLTAGE

250VAC per one minute

operating force

less than +10%, -30% for initial operating force.

2. OPERATING LIFE UNDER LOAD

10,000 cycles of operation shall be performed continuously at a rate of 15-20 cycles per minute with resistive load of 30 VDC, 0.2A.

After operating life test, shall be in accordance with the following specifications.

contact resistance

less than 80 m Ω .

other specifications are the same as operating life under no load.

6. NOTE

Terminals top side are covered by flux resist resin.