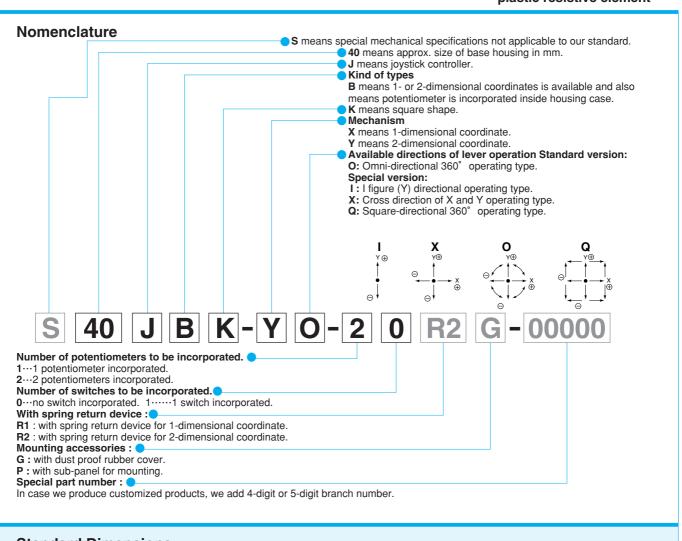
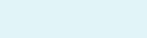
DJB

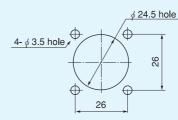
Potentiometer with a conductive plastic resistive element



Standard Dimensions Abt. 7.5 23.5 19 Terminals for X-axis pot 8 8 Abt. 23.5 26 9 Set for Y-axis pot screw-holes 26 M3-4 positions φ **44** Depth 6 % Abt. 30° ~35° *Abt. 30° 35° 4 Dress panel Abt. (Black color Mounting panel thickness 4.5 6 N 31



■ Panel Arrangements



Note : 1) In case of type Q, the angle of mark"\" becomes 360 $^\circ$ square-directionally and $\pm 20^\circ \sim \pm 25^\circ$ from center position.
2) 4 pcs. of mounting screw (M3 × 8)

are attached.

(Unit: mm)





40JBK-YO-20 (Standard) (2-dimensional coordinate type)



40JBK-YO-20R2G (2-dimensional coordinate type with dust proof rubber cover and spring return device)

STANDARD SPECIFICATIONS

Mechanical Performance

Controlling range of operating lever :

• 2-dimensional coordinate type.
 Omni-directionally approx. ±30°~±35° from center position.

Operating force :

Standard : Approx. 0.2~0.6N (20~60gf.) High torque type : Approx.0.7~1.5N (70~150gf.)

With spring return device (omni-directional type) : Approx. 0.6~3N (60~300gf.)

Operating temperature range : $-20^{\circ}\text{C} \sim +65^{\circ}\text{C}$

Vibration: 10~55Hz 98m/s²

Shock: 294m/s²

Life expectancy: Approx. 5,000,000 operations.

Mass: Without spring return device: Approx. 160g

With spring return device: Approx. 180g

Electrical Performance

Potentiometers incorporated: Special conductive plastic resistive element is exclusively used for 40JB

series.

Total resistance value : $10k\Omega \pm 15\%$

Rating: 0.2W

Electrical rotating angle : Approx. 60° Independent linearity tolerance $\pm 3\%$

[All terminals can be fitted with AMP110 series fasten receptacle (2.8 imes 0.5mm) or equivalents]

Output smoothness: Below 0.2% against input voltage. **Contact resistance variation:** Below 5% C.R.V.

Resolution: Essentially infinite

Dielectric strength: 1 minute at 500V.A.C.

Insulation resistance : Over 1,000M Ω at 500V. D.C.

Terminal Connection Diagram

Special Specifications Available

Please see page 47, a table of "Standard and Special Specifications Available".