

Multi Control Device

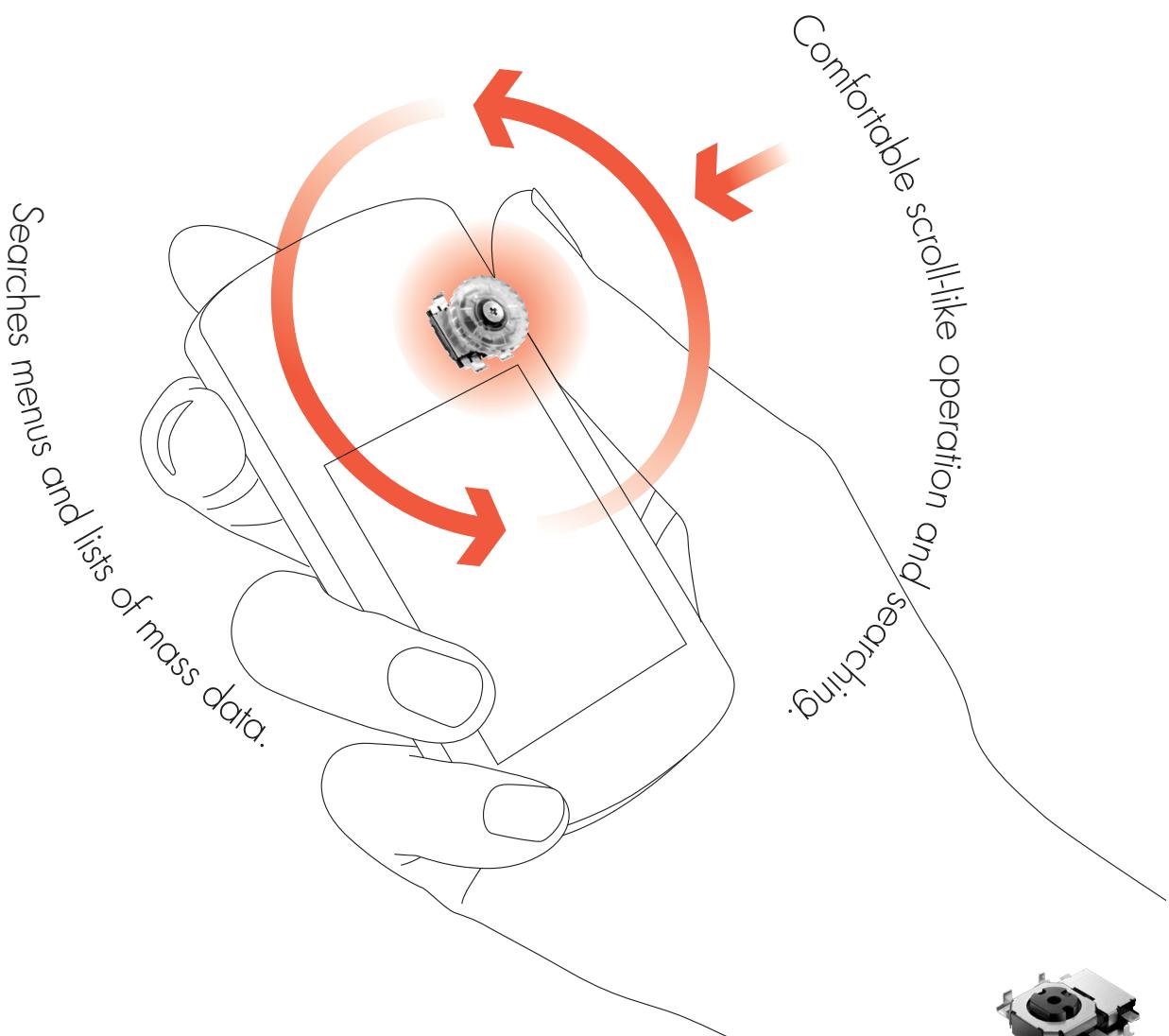
Sidejog™ Encoder and Push Operation Type Switch

SRBE Series

ALPS®

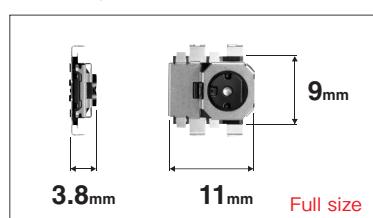
New
2007

Operation by feeling.



More comfortable combined operation gives users greater flexibility of set-designing.

- Realizes smaller dimensions of 11mm×9mm and 3.8mm in height.
- Combined operation including rotation and push on the side of set.
- Low-profile by hanging itself on the PC board.
- Additional dial gives users greater flexibility of set-designing.
- Available for reflow soldering.



We offer a combined operation device that enables you to use the space on the side of small portable devices.

Multi Control Device

Sidejog™ Encoder and Push Operation Type Switch



SRBE Series

Achieves combined operation using the space on the side of sets, lower-profile sets by hanging itself on the PC board and improved design flexibility.

Applications

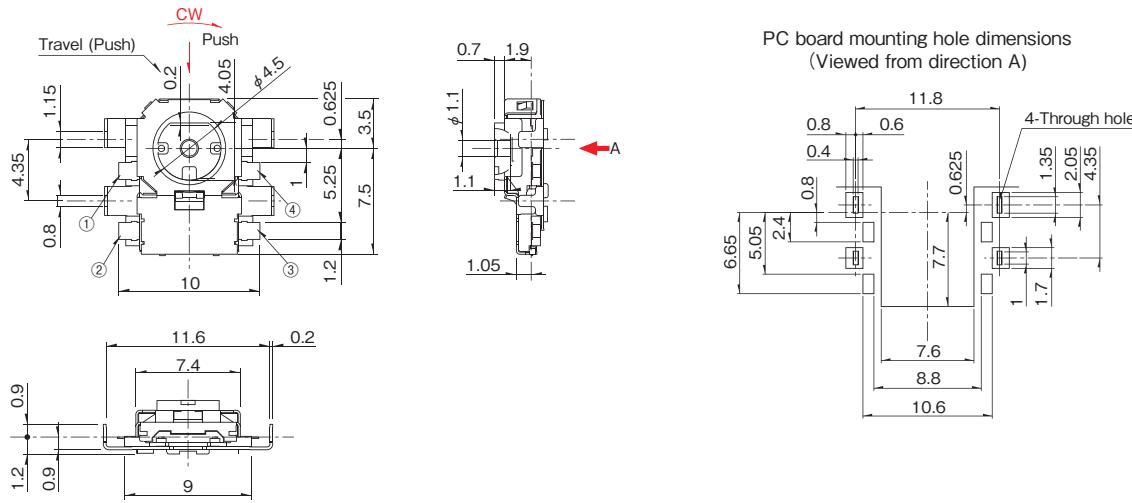
Selection/decision for menus such as a mobile phones, digital cameras, and portable audio, etc.

Typical Specifications

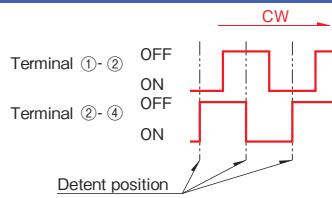
Items	Specifications
Rating (max.)/(min.) (Resistive load)	1mA 5V DC/50μA 3V DC
Output voltage (Jog portion/Push portion)	1V max. at 1mA 5V DC (Resistive load)
Detent torque (Jog portion)	3±2mN·m
Operating force (Push portion)	3.5±1.5N
Travel (Push operation)	0.2mm
Operating life (Jog portion/Push portion)	100,000 cycles

Dimensions

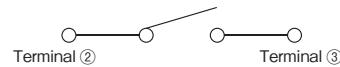
Unit:mm



Output Chart



Circuit Diagram



Cautions for Use

1. Specification indicated in this catalog is outline only. When employing the product, use of an officially authorized specification for supply contract is recommended.
 2. Unless specifically indicated otherwise, products in this catalog have been designed and manufactured for use in ordinary electronic equipment and devices, such as AV equipment, electric home appliances, office machines, and communications equipment. Equipment manufacturers are consequently advised that when these products are planned for equipment that requires a high degree of safety and reliability, especially those apparatuses like medical equipment, aviation and aircraft equipment, space equipment, and burglar alarm equipment, the manufacturers should assure equipment safety by providing protection circuits and redundant circuitry and should fully study the suitability of such products for the intended equipment.
 3. The external appearance, performances, and other properties of the product may be changed for improvement without prior notice. The product introduced in this catalog may discontinue being produced without prior notice.
 4. All product names, company names and names of standards described in this catalog are trademarks or registered trademarks of their respective owners.
 5. Please contact us for any enquiries and queries on our products and their uses.
 6. This catalog is valid till the end of December 2007.

Inquiries about Products

Products Information Center +81 (3) 5499-8154
Products Catalog Site <http://www3.alps.co.jp>

ALPS®

ALPS ELECTRIC CO., LTD.

1-7, Yukigaya-otsuka-cho, Ota-ku, Tokyo, 145-8501