

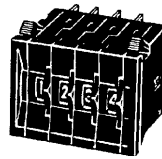
SELECTION GUIDE

THUMB WHEEL SWITCHES

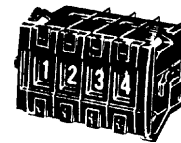
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## THUMB WHEEL SWITCHES



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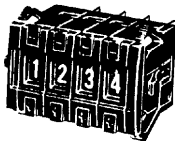


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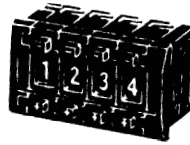
| MODEL                 | A7AS  | A7B  |
|-----------------------|---|--|
| <b>Description</b>    | Dust-proof construction, easy-to-assemble. Up to 50 VAC or 28 VDC. Switching current of 1 mA to 0.1 A. Can be fabricated with stoppers. | Locking type for use in medium-sized devices. Dust-proof construction, easy-to-assemble. Available in hexadecimal and models with external stoppers. |
| <b>Service Life</b>   |   |  |
| <b>Mechanical</b>     | 1,000,000 operations (steps) min.   | 100,000 operations (steps) min.  |
| <b>Electrical</b>     | 50,000 operations (steps) min.  | 50,000 operations (steps) min.   |
| <b>Mounting Style</b> | Snap-in front mounting  | Snap-in front mounting   |
| <b>Terminal Types</b> | Solder terminal   | Solder terminal  |
| <b>Dust-proofing</b>  | Provided  | Provided   |
| <b>Color</b>          | Black, light gray   | Black, light gray  |

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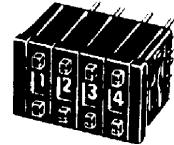
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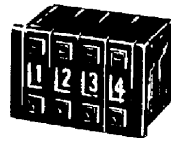


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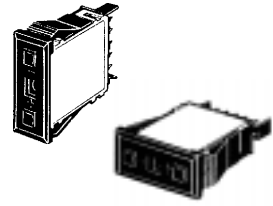
| A7BL  | A7CN   | A7D   |
|---|--|---|
| Locking type for use in medium-sized devices.                     | Designed specially for printed circuit. Up to 50 VAC or 28 VDC. Ideal for built-in use in small devices. Switching current of 1 mA to 0.1 A. | Economical thumbwheel switch for use in DC circuits. 5 to 30 VDC. Space saving. Can be fabricated with stopper. |
| 100,000 operations (steps) min.<br>50,000 operations (steps) min. | 30,000 operations (steps) min.<br>20,000 operations (steps) min.   | 30,000 operations (steps) min.<br>20,000 operations (steps) min.  |
| Screw mounted back mounting                                       | Snap-in front mounting or screw mounted back mounting  | Snap-in front mounting or screw mounted back mounting   |
| PCB terminal  | PCB terminal   | PCB terminal  |
| Provided  | Provided   | Provided (IP50)   |
| Black, light gray   | Black, light gray  | Black, light gray   |

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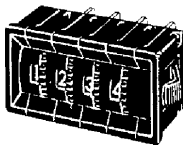


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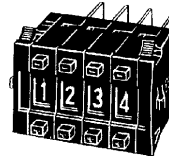
| MODEL                 | A7DP   | A7F   |
|-----------------------|--|---|
| <b>Description</b>    | For use in DC circuits. 5 to 30 VDC. Optimizes space. Can be fabricated with stoppers. | Ideal for SCSI applications which require a compact switch. |
| <b>Service Life</b>   |  |   |
| <b>Mechanical</b>     | 30,000 operations (steps) min.   | 2,000 operations (steps) min.                               |
| <b>Electrical</b>     | 20,000 operations (steps) min.   | 2,000 operations (steps) min.                               |
| <b>Mounting Style</b> | Snap-in front mounting   | Vertical/horizontal front mounting                          |
| <b>Terminal Types</b> | PCB terminal   | Amp Press Fit MT connector/<br>solderless connector         |
| <b>Dust-proofing</b>  | Provided (IP50)  | Provided (IP50)   |
| <b>Color</b>          | Black, light gray  | Black   |

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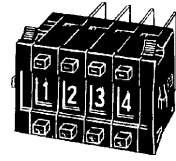
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| A7MA  | A7PH   | A7PS  |
|---|--|---|
| Low-cost, compact switch for built-in use in devices. For DC circuits 5 to 28 VDC. Switching capacity of 1 mA to 0.1 A. | Dust-proof construction, high-sealing type. For use in medium or large devices. Up to 50 VAC or 28 VDC. Can be fabricated with stoppers. | Dust proof construction, high-sealing type. For use in medium or large devices. Up to 125 VAC or 28 VDC. Can be fabricated with stoppers. |
| 30,000 operations (steps) min.<br>20,000 operations (steps) min.  | 2,000,000 operations (steps) min.<br>1,000,000 operations (steps) min.   | 100,000 operations (steps) min.<br>50,000 operations (steps) min.   |
| Snap-in front mounting or screw mounted back mounting   | Snap-in front mounting   | Snap-in front mounting  |
| Solder terminal or PCB terminal   | Solder terminal  | Solder terminal   |
| Not provided  | Provided   | Provided  |
| Black, light gray   | Black, light gray  | Black, light gray   |