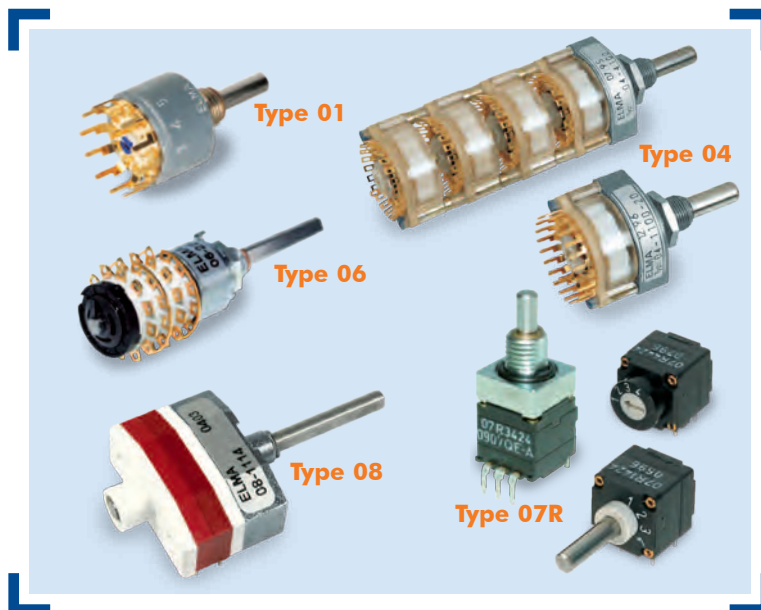
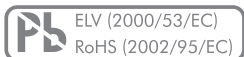


Selector Switches Overview

- Very robust designs for rugged environments
- Gold plated contacts: 3 micron
- High switching torques: Up to 20 Ncm
- Operating temperature: Up to -40 to +85°C
- Front panel sealing: Up to IP68
- Various options and customization



Type Comparison

| Features / Switch Type | Type 01 | Type 04 | Type 06 | Type 07R | Type 08 |
|--------------------------------------|--|--|--|--|--|
| Summary | Compact, single wafer, max. 12 indexing positions. | Robust and versatile, multi wafer, max. 24 indexing positions. | Compact and versatile, multi wafer, max. 12 indexing positions. | Miniature PCB mounting 4 (5) indexing positions. | Type 06 based, PCB mounting. |
| Profile dimensions | Ø 18 mm | 32 x 25 mm | 17 mm | 10 x 10 mm | 31 x 13 mm |
| Function (poles/positions per wafer) | From 1 x 12 to 4 x 3 | From 1 x 24 to 6 x 3 | From 1 x 12 to 4 x 3 | 1 x 4 (5); limited to 4 electrical positions | From 1 x 12 to 4 x 3 |
| Max. number of wafers | 2 | 8 | 8 | 1 | 8 |
| Max. switching current | 2.0 A | 2.0 A | 1.5 A | 0.2 A | 1.5 A |
| Indexing angle | 30° (12 pos.) 36° (10 pos.) 60° (6 pos.) | 15° (24 pos.) 30° (12 pos.) | 30° | 36° | 30° |
| Configurable end stops | Yes | Yes | Yes | No | Yes |
| Rotational life | 25,000 cycles | 25,000 cycles | 25,000 cycles | 10,000 cycles | 25,000 cycles |
| Standard switching torque | 4.0 Ncm | 15 Ncm | 6.0 Ncm | 2.2 Ncm | 6.0 Ncm |
| IP front panel sealing | IP60, optional IP68 (2 bar, 1 hour) | IP60, optional IP68 (2 bar, 1 hour) | IP60 | IP60, optional IP68 (2 bar, 1 hour) | IP60 |
| Shaft style | 4 mm, round | 6 mm, round | 4 mm, double-D | 3 mm, round | 4 mm, double-D |
| Bushing | Threaded M8 x 0.75 | Threaded M10 x 0.75 | Threaded M7 x 0.75 | Various | Non-threaded |
| Standard product variety | <ul style="list-style-type: none"> ■ Soldering eyelets or pins for PCB ■ Number of poles and positions ■ Single or dual wafer ■ 30, 36 or 60° indexing angle ■ Shorting or non-shorting ■ 2.0, 4.0 or 6.0 Ncm torque ■ IP60 or IP68 ■ Config. end stops ■ Shaft length and diameter; 3, 4 or 6 mm | <ul style="list-style-type: none"> ■ Soldering eyelets or pins for PCB ■ Number of poles and positions ■ Number of wafers, optional PCB wafer ■ 15 or 30° indexing angle ■ Shorting or non-shorting ■ 1.5, 8.0, 15 or 20 Ncm torque ■ IP60 or IP68 ■ Config. end stops ■ Shaft diameter; 6 mm or ¼" | <ul style="list-style-type: none"> ■ Number of poles and positions ■ Number of wafers ■ Shorting or non-shorting ■ 3.0, 6.0 or 9.0 Ncm torque ■ Config. end stops | <ul style="list-style-type: none"> ■ Vertical or horizontal mounting ■ Shorting or non-shorting ■ 2.2 or 3.5 Ncm torque ■ IP60 or IP68 ■ Number of positions ■ Bushing style ■ Shaft style and length | <ul style="list-style-type: none"> ■ Number of poles and positions ■ Number of wafers ■ Shorting or non-shorting ■ 3.0, 6.0 or 9.0 Ncm torque ■ Config. end stops |
| See page | 41-45 | 47-52 | 53-57 | 59-63 | 65-69 |

Application Examples



Train remote control



High-end amplifier



Military radio



Cockpit controls