

Application

Cam switches are electric rotary multi-line switches used for making and breaking the circuits.

Cam switches are used in low-voltage circuits mainly as disconnectors, control and changeover switches. Cam switches can be installed indoors (3rd pollution degree - industrial application) in temperatures: -40...+70°C. They meet the requirements of the standard PN-EN60947-3, IEC 60947-3. They are designed to work in environmental conditions as specified in standards IEC 60068-2-6 (vibration), IEC 60068-2-27 (shock), IEC 60068-2-2 (dry heat), IEC 60068-2-1 (cold), IEC 60068-2-30 (damp heat), IEC 60068-2-52 (salt mist).

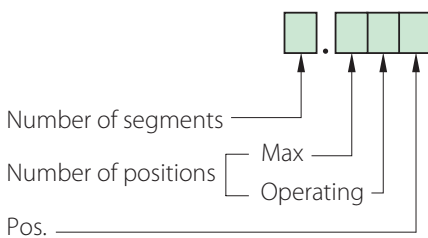
Design

Segmented construction of these switches and the double cams allow to design any switching program as the function of drive position. Depending on the number of teeth in the gear, the switching angle is 30°, 40°, or 90°, what gives max. 12 switching positions for the switching angle of 30°. The SK switches are characterized by compact dimensions and protection level IP20 which improves installer's safety.

Depending on mounting type, the following switches are available:

- Panel mounting - **P**
- Base-rail mounting (TS35) - **BS**
- In an enclosure - **OB11, OB12, OB13, OB14**
- In an enclosure with a lamp **OB11 L, OB12 L, OB13 L, OB14 L**

Assembly code



Full selection of switching programs is available on www.laczniki-krzywkowe.pl



Technical data of the housing	OB11	OB12	OB13	OB14
Maximum number of segments of the switch in the enclosure				
SK10, SK16, SK20	4	6		
SK25, SK32, SK40			4	6
Outer dimensions and possible gland positions	90	90	116	116
Enclosure height h [mm]	69	85	80	100
Protection level	IP65	IP65	IP65	IP65
Max wire gauge	5 x 2,5 mm ²	5 x 2,5 mm ²	5 x 6 mm ²	5 x 6 mm ²
Number of glands	acc. to the order	acc. to the order	acc. to the order	acc. to the order
Gland type	M20x1,5	M20x1,5	M25x1,5	M25x1,5