

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 (ŁK40, 63) and -25...+70°C (ŁK15).

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

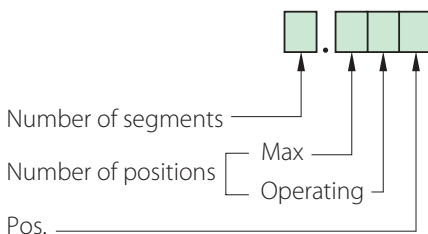
Segmented construction of these switches and the double cams allow to design any switching program as the function of drive position. Depending on the number of teeth in the gear, the switching angle is 30°, 40°, or 90°, what gives max. 12 switching positions for the switching angle of 30°.

Depending on mounting type, the following switches are available:

- Panel mounting - **P**
- Base mounting - **B**
- Rail mounting - **S**
- In an enclosure - **OB1, OB2, OB3, OB4**
- In a flush enclosure - **OBP1**



Assembly code



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

Technical data of the housing	OB1	OB2	OB3	OB4
Maximum number of segments of the switch in the enclosure				
ŁK15	2	4	6	4
ŁK40, ŁK63	-	2	4	3
Outer dimensions and possible gland positions	110	96	96	127
Enclosure height h [mm]	73,5	99	133	113
Protection level	IP41	IP65	IP65	IP65
Number of glands	acc. to the order	acc. to the order	acc. to the order	acc. to the order