



### **IEK COMUTATOR CU CAME PKP 10-13 /U 10A "DIS-INS"3P/400V**

PKP cam-type position switches of IEK brand are mechanical devices without internal consumption intended for installation as switching units. PKP can be used as main or group switches for controlling drives based on the single-or three-phase motors, switching with the required control circuits commutation program, alarm, measuring circuits etc. They are applied in AC electric circuits with voltage under 400 V. Drive fixation mechanisms guarantee stable switching of moving contacts into separate fixed positions.

Drive springs of the fixing mechanism differ depending on the number of commutation elements.

Cam mechanism represents a modern solution of manual electric circuit commutation ensuring the following advantages:

- Minimum electric voltage of closed contact;
- Double break of electric circuit (bridge contact);
- High speed of contacts opening and closing provides for more rapid arc extinction;
- Ensuring different strengths and handle free travel at switching on/off;
- Reaching wider range of commutation circuits when having the same set of details and assembly units that means better unification;
- Longer operational life (number of commutations to the full). Number of poles: 3

Max. rated operation voltage  $U_e$  AC: 400

Rated permanent current  $I_u$ : 10.0

Number of switch positions: 2

Device construction: EV002104

Type of control element: EV000092

Front shield size: EV009126

Degree of protection (IP), front side: EV006405

Connection type main current circuit: EV000415

Rated insulation voltage  $U_i$ : 660

Rated surge voltage invariability: 4

Nominal heat current  $Th$ : 10

Nominal voltage: 230/400

Nominal operating current  $I_e$  at AC-21 AC-22 230 V: 10  
Nominal operating current  $I_e$  at AC-21 AC-22 400 V: 10  
Nominal operating current  $I_e$  at AC-23 230 V: 7,5  
Nominal operating current  $I_e$  at AC-23 400 V: 7,5  
Nominal operating current  $I_e$  at AC-2 230 V: 7,5  
Nominal operating current  $I_e$  at AC-2 400 V: 7,5  
Nominal operating current  $I_e$  at AC-3 230 V: 5,5  
Nominal operating current  $I_e$  at AC-3 400 V: 5,5  
Nominal operating current  $I_e$  at AC-4 230 V: 1,75  
Nominal operating current  $I_e$  at AC-4 400 V: 1,75  
Rated operation current  $I_e$  at AC-15, 230 V: 2,5  
Nominal operating current  $I_e$  at AC-15 400V: 1,5  
Nominal power at AC-23 230 V: 3/0,8  
Nominal power at AC-23 400 V: 5/1,7  
Nominal power at AC-2 230 V: 2,5  
Nominal power at AC-2 400 V: 3,7  
Nominal power at AC-4 230 V: 0,37  
Nominal power at AC-4 400 V: 0,55  
Nominal power at AC-3 230V: 1,5  
Nominal power at AC-3 400V: 2,2  
Fuse current  $qG$ : 20  
Electric wear resistance: 0,03  
Mechanical wear resistance: 0,1  
Degree of Protection - IP Side of Contacts: EV006404  
Ambient temperature: -25...+40  
Nominal operating voltage AC contacts: 230; 400  
Diameter openings: 7.5  
Nominal Attachment Capacity: 1,5  
Type of switch: EV009208  
Pret: 105,68 LEI (TVA inclus)

Detalii online: <https://www.materialelectrice.ro/comutator-cu-came-pkp-10-13-u-10a-dis-ins-3p-400v-311922>