



### IEK PKI-31 ADDITIONAL CONTACTS 3NC+1NO

Mini contactors of MKI series are intended for use in control circuits of various loads supplied by AC voltage up to 660 V, 50 Hz. The mini contactors allow for remote switching of power circuits of application categories AC3 (control of motors up to 5 kW) and AC1 (control of heaters). The mini contactors enclosures ensure degree of protection IP20 according to GOST 14254. The climatic version and application category of the contactors is UHL4 according to GOST 15150. Wide range of control coils rated currents.

Can be mounted on 35-mm DIN-rail and installation panel.

Minimum size. Rated control supply voltage  $U_s$  at AC 50HZ: 110

Rated control supply voltage  $U_s$  at DC: -

Rated operation current  $I_e$ , 400 V: 12

Connection type auxiliary circuit: EV000415

Number of auxiliary contacts as normally closed contact: 0

Number of auxiliary contacts as normally open contact: 1

Nominal operating AC voltage  $U_e$ : 230; 400; 690

Rated operation current  $I_e$  at AC-15, 230 V: 6

Rated insulation voltage  $U_i$ : 690

Rated surge voltage: 6

Conditional heat current  $I_{th}$  at AC-1: 20

Nominal power at AC-3 230V: 3.0

Nominal power at AC-3 400V: 5.5

Nominal power at AC-3 660V: 4.0

Max short-term load: 120

Overcurrent Protection - Fuse gG: 20

Dissipation power at  $I_e$  AC-3: 0,36

Dissipation power at  $I_e$  AC-1: 1,25

Tightening moment: 0,8

Control voltage ranges at actuation  $U_c$ : 0,85...1,1

Flexible cable without tip: 1,0...4,0

Control voltage ranges at release  $U_c$ : 0,2...0,75  
Hard cable without tip: 1,5...4,0  
Closing Response Time: 10...20  
Response time at opening: 35...45  
Switching wear resistance: 1  
Mechanical wear resistance: 12.0  
Number of additional contacts: 1  
Ambient temperature: -25...+50  
Width: 45.0  
Height: 58.0  
Additional terminal - Nominal voltage  $U_n$  AC: ? 690  
Additional terminal - Nominal voltage  $U_n$  DC: ? 440  
Additional terminal - Nominal insulation voltage  $U_i$ : 690  
Additional terminal - Thermal resistance current  $I_n$ : 10  
Additional terminal - Overcurrent protection - pre-ocher gG: 10  
Additional terminal - Max short-term load: 100  
Additional terminal - Insulation resistance: > 10  
Voltage type for actuating: EV000460  
Number of auxiliary contacts as normally closed contact, delayed switching: 0  
Number of auxiliary contacts as normally open contact, leading: 0  
Number of auxiliary contacts as change-over contact: 0  
Nominal operating current  $I_e$  at AC-15 400V: 3  
Nominal operating current  $I_e$  at AC-15 690V: 1  
Number of poles: 3  
Pret: 69,15 LEI (TVA inclus)

Detalii online: <https://www.materialelectrice.ro/pki-31-additional-contacts-3nc-1no-311833>