



### **IEK CONTACTOR KMIP-11810 18A 220V/AC3 1NO**

KMIP contactors with DC control coil for industrial use designed for load current from 9 up to 95 A (AC-3) are intended for actuating, shutting down and reversing of asynchronous electric motors equipped with a short-circuited rotor for the applied voltage limited to 660 V. They can be also applied for remote control of lighting (AC-5a, AC-5b), heating circuits and various low-inductance loads (AC-1), switching three-phase capacitor batteries (AC-6b) and primary windings of three-phase low-voltage transformers (AC-6a). All unit types have a single group of auxiliary NO contacts. Application area of these contactors includes controlling fan, pump, thermal curtain, furnace, overhead-track hoist, unit, lighting and automated load transfer systems; uninterruptible power systems; automation and security alarm protection devices; industrial unit management systems; switching three-phase capacitor batteries and primary windings of three-phase low-voltage transformers. Extended range of options available at the warehouse (PKI attachments, PVI time-delay attachments, RTI thermal electrical relay).

35-mm DIN-rail installation option (other manufacturers provide such option only as customized variants).

Energy saving in case of applying a DC control coil. Rated control supply voltage  $U_s$  at AC 50HZ: -

Rated control supply voltage  $U_s$  at DC: 220

Rated operation current  $I_e$ , 400 V: 18

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; 660

Rated insulation voltage  $U_i$ : 660

Rated surge voltage: 6

Conditional heat current  $I_{th}$  at AC-1: 32

Nominal power at AC-3 230V: 4.0

Nominal power at AC-3 400V: 7.5

Nominal power at AC-3 660V: 10.0

Max short-term load: 324

Conventional Short Circuit Current Inc: 3000

Tightening moment: 0,8  
Control voltage ranges at actuation  $U_c$ : 0,85...1,1  
Flexible cable without tip: 1,5...4,0  
Control voltage ranges at release  $U_c$ : 0,7...0,1  
Hard cable without tip: 2,5...6,0  
Closing Response Time: 12...22  
Response time at opening: 4...19  
Mechanical wear resistance: 10.0  
Number of additional contacts: 1  
Ambient temperature: -25...+50  
Width: 47.0  
Height: 76.0  
Weight: 0,57  
Additional terminal - Nominal voltage  $U_n$  AC: ? 660  
Additional terminal - Nominal voltage  $U_n$  DC: ? 440  
Additional terminal - Nominal insulation voltage  $U_i$ : 660  
Additional terminal - Thermal resistance current  $I_n$ : 10  
Additional terminal - Minimum On  $U_{min}$  Capability: 24  
Additional terminal - Minimum On  $I_{min}$  Capability: 10  
Additional terminal - Max short-term load: 100  
Additional terminal - Insulation resistance: > 10  
Voltage type for actuating: EV000461  
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  
Number of poles: 3  
Additional terminal - Section of connected conductors: 1...4  
Pret: 284,14 LEI (TVA inclus)

Detalii online: <https://www.materialelectrice.ro/contactator-kmip-11810-18a-220v-ac3-1no-311792>