

Furnizor: **Sc Trivolt Distribution SRL**  
Reg. com.: J23/3300/2016  
CIF: RO36421140  
Adresa: Strada Apusului nr 3 ( primul  
sens giratoriu Tehodor Pallady-  
Autostrada Soarelui), Catelu, Ilfov  
Banca: BRD  
IBAN: RO34BRDE441SV13182234410



### **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:  $\leq 660$

Additional terminal - Nominal voltage  $U_n$  DC:  $\leq 440$

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: 284,12 lei (TVA inclus)

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