



IEK CONTACTOR KMIP-11810 18A 110V/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: 110

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-110v-ac3-1no-311791>