





## IEK CONTACTOR KMIP-22510 25A 24V/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 Us at AC 50HZ: -

Rated control supply voltage Us at DC: 24

Rated operation current Ie, 400 V: 25

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 Ue: 230; 400; 660

Rated insulation voltage Ui: 660

Rated surge voltage: 6

Conditional heat current Ith at AC-1: 40 Nominal powet at AC-3 230V: 5.5 Nominal powet at AC-3 400V: 11.0 Nominal powet at AC-3 660V: 15.0

Max short-term load: 450

Conventional Short Circuit Current Inc: 3000

Tightening moment: 1,2

Control voltage ranges at actuation Uc: 0,85...1,1

Flexible cable without tip: 1,5...4,0

Control voltage ranges at release Uc: 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: 57.0 Height: 86.0 Weight: 0,85

Additional terminal - Nominal voltage Un AC: ? 660 Additional terminal - Nominal voltage Un DC: ? 440 Additional terminal - Nominal insulation voltage Ui: 660 Additional terminal - Thermal resistance current In: 10 Additional terminal - Minimum On Umin Capability: 24 Additional terminal - Minimum On Imin 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: 291,50 LEI (TVA inclus)

Detalii online: https://www.materialeelectrice.ro/contactor-kmip-22510-25a-24v-ac3-1no-311793