

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 KMIE-11810 18A 110V/AC3 1NO**

Small-sized AC contactors of KMI series for load current from 9 to 95 A are designed for starting, stopping and reversing of asynchronous electric motors with a short-circuited rotor under voltage up to 660V (category of application - AC-3), as well as for remote control of lighting circuits, heating circuits and various low-inductive loads (category of application AC-1). The area of application of KMI series small-sized contactors: control of fans, pumps, thermal curtains, furnaces, overhead cranes, machines, lighting, systems of automatic load transfer (ALT). As per design and technical characteristics, the KMI series small-sized contactors comply with international and Russian standards GOST R 50030.4.1-2002 (IEC 60947-4-1-2000). High switching endurance.

Low noise.

Economical solution.

Wide range. 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: 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

Overcurrent Protection - Fuse gG: 25

Dissipation power at  $I_e$  AC-3: 0,8

Dissipation power at  $I_e$  AC-1: 2,5

Screw diameter metrical: 3,5

Control voltage ranges at actuation  $U_c$ : 0,8...1,1

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

Control voltage ranges at release  $U_c$ : 0,3...0,6

Hard cable without tip: 2,5...6,0

Closing Response Time: 12...22

Response time at opening: 4...19

Switching wear and tear during AC-1: 800

Switching wear and tear during AC-3: 900

Mechanical wear resistance: 9.0

Flexible cable with 1wire tip: 1...4

Ambient temperature: -25...+50

Width: 45.0

Height: 75.0

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: 17

Additional terminal - Minimum On  $I_{min}$  Capability: 5

Additional terminal - Overcurrent protection - pre-ocher gG: 10

Additional terminal - Max short-term load: 100

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

Relative air humidity:  $\leq 90\%$   $\text{D}_i \text{N} \text{E} \text{D}$ ,  $\text{N}$ ,  $\text{D}_\mu \text{D}^{1/4} \text{D}_i \text{D}_\mu \text{N} \text{E} \text{D}^\circ \text{N}$ ,  $\text{N}_f \text{N} \text{E} \text{D}_\mu + 20^\circ \text{C}$

Burning position:  $\text{D}^\circ \text{D}_\mu \text{N} \text{E} \text{N}$ ,  $\text{D}$   $\text{D}^\circ \text{D}^\circ \text{D} \gg \text{N} \text{E} \text{D}^{1/2} \text{D}^{3/4} \text{D}_\mu$ ,  $\text{N}$   $\text{D}^2 \text{D}^{3/4} \text{D} \cdot \text{D}^{1/4} \text{D}^{3/4} \text{D} \text{D}^{1/2} \text{N} \text{D}^{1/4}$

$\text{D}^{3/4} \text{N}$ ,  $\text{D}^\circ \text{D} \gg \text{D}_i \text{D}^{3/4} \text{N} \text{E} \text{D}$ ,  $\text{D} \cdot \text{D}^{3/4} \text{D}^{1/2} \text{N}$ ,  $\text{D}^\circ \text{D} \gg \text{D}$ ,  $\pm 30^\circ$

Pret: 0,00 lei (TVA inclus)

Detalii online: <https://www.materialelectrice.ro/contactor-kmie-11810-18a-110v-ac3-1no-311687>