



### **IEK CONTACTOR RTIE-5250 250A 400V/AC3**

Electromagnetic contactors of KTIE series are intended for use in control circuits for start and stoppage of 3-phase squirrel-cage induction motors supplied from mains with rated voltage up to 660 V, and also can be used for switching on/off other electrical units: lighting, heating devices, various inductive loads. Used with fans, pumps, furnaces, beam cranes and automatic load transfer systems. High switching endurance.

Low noise.

Economical solution.

Simplicity of design. Rated control supply voltage  $U_s$  at AC 50HZ: 400

Rated control supply voltage  $U_s$  at DC: -

Rated operation current  $I_e$ , 400 V: 250

Connection type auxiliary circuit: EV008864

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

Rated insulation voltage  $U_i$ : 1000

Rated surge voltage: 8

Conditional heat current  $I_{th}$  at AC-1: 315

Nominal power at AC-3 230V: 75.0

Nominal power at AC-3 400V: 132.0

Max short-term load: 1800

Conventional Short Circuit Current  $I_{nc}$ : 10000

Overcurrent Protection - Fuse gG: 315

Dissipation power at  $I_e$  AC-3: 16

Dissipation power at  $I_e$  AC-1: 25

Tightening moment: 10

Double bus - each size: 25x4

Screw diameter metrical: 10

Control voltage ranges at actuation  $U_c$ : 0,85...1,1

Flexible cable without tip: 125...185  
Control voltage ranges at release  $U_c$ : 0,35...0,55  
Hard cable without tip: 125...185  
Closing Response Time: 20...35  
Response time at opening: 7...15  
Switching wear and tear during AC-3: 0,5  
Mechanical wear resistance: 0.7  
Ambient temperature: -45...+55  
Width: 168.5  
Height: 197.0  
Additional terminal - Nominal voltage  $U_n$  AC: 690  
Additional terminal - Nominal insulation voltage  $U_i$ : 690  
Additional terminal - Thermal resistance current  $I_n$ : 10  
Additional terminal - Overcurrent protection - pre-ocher  $gG$ : 10  
Additional terminal - Max short-term load: 100  
Additional terminal - Insulation resistance: 10  
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  
Number of poles: 3  
Repeated-short mode: 120  
Additional terminal - Section of connected conductors: 1...4  
Additional terminal - Tightening torque: 0.8  
Pret: 1.518,57 LEI (TVA inclus)

Detalii online: <https://www.materialelectrice.ro/contactor-rtie-5250-250a-400v-ac3-311783>