



### **IEK CONTACTOR PM12-040151 400 V**

PM12 AC contactors for load currents from 10 to up 63 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 (AC-3 application category). They can be also used for remote control of lighting, heating circuits and various low-inductance loads (AC-1 application category). All unit types per load currents limited to up 40 A have a single group of auxiliary NO or NC contacts. Types per load currents exceeding 63 A have two contact groups (NO and NC). The PM12 contactor is a well-known brand in the market.

PM12 IEK - compliance of mounting dimensions, PM12 series.

The best performance among manufacturers PM12 performance - switching wear resistance is four times higher. 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: 40

Connection type auxiliary circuit: EV000415

Number of auxiliary contacts as normally closed contact: 1

Number of auxiliary contacts as normally open contact: 0

Nominal operating AC voltage  $U_e$ : 230, 400, 660

Rated insulation voltage  $U_i$ : 660

Rated surge voltage: 6

Conventional Short Circuit Current  $I_{nc}$ : 3000

Overcurrent Protection - Fuse gG: 50

Tightening moment: 2,5

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

Flexible cable without tip: 4...16

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

Hard cable without tip: 10...25

Switching wear and tear during AC-3: 0,8

Mechanical wear resistance: 5.0

Ambient temperature: -40...+55

Width: 57.0

Height: 83.0

Weight: 0,6

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 - Overcurrent protection - pre-ocher gG: 10

Additional terminal - Max short-term load: 100

Additional terminal - Insulation resistance: > 10

Voltage type for actuating: EV000509

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

Maximum switching frequency: 1200

Pret: 173,60 LEI (TVA inclus)

Detalii online: <https://www.materialelectrice.ro/contactator-pm12-040151-400-v-311736>