

## Contactors — continued

### Mini Contactors K1 Series



- A range of miniature contactors suitable for DIN rail or screw mounting with 3 main poles and 1N/O auxiliary
- Designed for direct control of 3 phase motors up to 12A, 5.5kW AC3
- AC and DC magnetic coil operation
- Finger touch protected
- Long life expectancy up to 5 million operations

H = 49, W = 45, D = 57.5

Approvals include: **UL, CSA**, Conforming to **IEC** and **CENELEC** standards

Maximum rated voltage: 690V  
 Auxiliary contact thermal current: 10A  
 Coil voltages: 24V 50/60Hz or 110V 50Hz/110-120V 60Hz or 220-240V 50Hz/240V 60Hz or 24VDC  
 Coil operating range: 85 to 110%  
 Maximum ambient temperature: -40°C to +60°C

CTL350

Coil (Vac)	Mftrs List No.	Order Code	1+	5+	10+	25+
<b>9A, 4kW (AC3)</b>						
24	K1-09D0124	320-7456				
110	K1-09D10110	320-7468				
230	K1-09D10230	320-7470				
<b>12A, 5.5kW (AC)</b>						
24	K1-12D1024	320-7481				
110	K1-12D10110	320-7493				
230	K1-12D10230	320-7500				
<b>Dc Coil</b>						
24	K1-09D10 = 24	320-7511				
24	K1-12D10 = 24	320-7523				
<b>Auxiliary contact blocks. Thermal current contact rating=10A</b>						
Contact Arrangement						
1N/O + 1N/C	HKM11	320-7535				
2N/O + 2N/C	HKM22	320-7547				

### Contactors K2 Series



Dimension:  
 Mftrs List No. H x W x D  
 K2-09,12,16 65 x 45 x 59  
 K2-23, 30, 37 85 x 55 x 74  
 K2-45, 60 95 x 60 x 110

A range of contactors all with 3 pole main up to 18.5kW have 1 N.O. auxiliary contact. Conforming with international standards including **IEC947-4-1, VDE 0660, UL** and **CSA**. Cable connection terminals are fully protected and colour coded to identify main and auxiliary contacts. The contactors can be either surface or DIN rail mounted.

Approvals include: **UL, CSA**, Conforming to **IEC** and **CENELEC** standards

Maximum rated Voltage: 690V  
 Auxiliary contact rating (AC15): 16A  
 Coil operating range: 85 to 110%  
 Maximum ambient temperature: -40°C +60°C (+90°C with reduced ratings)

CTL329

Coil (V ac)	Mftrs List No.	Order Code	1+	5+	10+	25+
<b>9A, 4kW (AC3)</b>						
24	K2-09A1024	320-6907				
110	K2-09A10110	170-300				
230	K2-09A10230	170-301				
400	K2-09A10400	170-302				
<b>12A, 5.5kW (AC3)</b>						
24	K2-12A1024	320-6944				
110	K2-12A10110	170-303				
230	K2-12A10230	170-304				
400	K2-12A10400	320-6970				
<b>16A, 7.5kW (AC3)</b>						
24	K2-16A1024	320-6981				
110	K216A10110	170-306				
230	K2-16A10230	170-307				
400	K2-16A10400	320-7018				
<b>23A, 11kW (AC3)</b>						
24	K2-23A1024	320-7020				
110	K2-23A10110	175-534				
230	K2-23A10230	175-535				

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Coil (V ac)	Mftrs List No.	Order Code	1+	5+	10+	25+
<b>30A, 15kW (AC3)</b>						
24	K2-30A1024	320-7055				
110	K2-30A10110	320-7067				
230	K2-30A10230	320-7079				
<b>37A, 18.5kW (AC3)</b>						
24	K2-37A1024	320-7080				
110	K2-37A10110	320-7092				
230	K2-37A10237	320-7109				
<b>45A, 22kW (AC3)</b>						
24	K2-45A0024	320-7110				
110	K2-45A00110	320-7122				
230	K2-45A00230	320-7134				
<b>60A, 30kW (AC3)</b>						
24	K2-60A0024	320-7146				
110	K2-60A00110	320-7158				
230	K2-60A00110	320-7160				

### Contactors K3 Series



A range of contactors, all with 3 main poles, and up to 11kW have 1 N.O. auxiliary contact. Conforming with the international standards including **IEC 947-4-1, VDE 0660, UL** and **CSA**. Cable connection terminals are fully protected. Contactors have same 45mm width up to 11kW. The contactors can be either surface or DIN rail mounted. Top mounted auxiliary and a wide range of accessories available.

Approvals include: **UL, CSA**, conforming to **IEC** and **CENELEC** standards

Maximum rated voltage: 690V  
 Auxiliary contact rating: 10A  
 Coil voltages: 24V 50/60Hz or 110V 50Hz/ 110-120V 60Hz or 220-240V 50Hz/240V 60Hz or 380-415V 50Hz/415-440V 60Hz  
 Coil operating range: 85 to 110%  
 Maximum ambient temperature: -40°C to +60°C (+90°C with reduced ratings)

Coil Power	Pull In	VA 33-45 (K3-10, 14, 18, 22)	Hold In	VA 7-10 (K3-10, 14, 18, 22)
		VA 90-115 (K3-24, 32, 40)		VA 9-13 (K3-24, 32, 40)
		VA 140-165 (K3-50, 62, 74)		VA 13-18 (K3-50, 62, 74)
<b>Dimensions</b>				
	Mftrs. List No.	H x W x D		
	K3-10, 14, 18, 22	65 x 45 x 59		
	K3-24, 32, 40	85 x 45 x 74		
	K3-50, 62, 74	95 x 60 x 110		

PRO561

Coil (Vac)	Mftrs. List No.	Order Code	1+	5+	10+	25+
<b>10A, 4kW (AC3)</b>						
24	K3-10A1024	348-4610				
110	K3-10A10110	348-4622				
230	K3-10A10230	348-4634				
400	K3-10A10400	348-4646				
<b>14A, 5.5kW (AC3)</b>						
24	K3-14A1024	348-4658				
110	K3-14A10110	348-4660				
230	K3-14A10230	348-4671				
400	K3-14A10400	348-4683				
<b>18A, 7.5kW (AC3)</b>						
24	K3-18A1024	348-4695				
110	K3-18A10110	348-4701				
230	K3-18A10230	348-4713				
400	K3-18A10400	348-4725				
<b>22A, 11kW (AC3)</b>						
24	K3-22A1024	348-4932				
110	K3-22A10110	348-4944				
230	K3-22A10230	348-4737				
400	K3-22A-10400	348-4749				
<b>24A, 11kW (AC3)</b>						
24	K3-24A0024	348-4750				
110	K3-24A00110	348-4762				
230	K3-24A00230	348-4774				
<b>32A, 15kW (AC3)</b>						
24	K3-32A0024	348-4786				
110	K3-32A00110	348-4798				
230	K3-32A00230	348-4804				

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