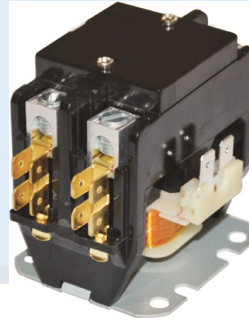




# MeK-Tronics

## Definite Purpose Contactors

### H Series



#### Packaging

"-" = Bulk packaging  
 Y = Individual box packaging  
 E = Individual box for Export

**MKH**

-

**1X**

**Q**

**00**

**AA**

#### Pole Form

1X = 1 Pole (NO) w/Shunt  
 2X = 2 Pole (NO)  
 3A = 2 Pole (NO) - 3 Pole Base  
 3X = 3 Pole (NO)  
 4X = 4 Pole (NO)

#### Coil Voltage

Q = 24 VAC, 50 Hz/ 60 Hz  
 T = 120 VAC, 50 Hz/ 60 Hz  
 U = 208/240 VAC, 50 Hz/ 60 Hz  
 V = 277 VAC, 50 Hz/ 60 Hz  
 D = 380 VAC, 50 Hz/60 Hz  
 H = 480 VAC, 50 Hz/60 Hz

#### Contact Rating

00 = 20A  
 01 = 25A  
 02 = 30A  
 04 = 40A  
 05 = 50A  
 06 = 60A  
 07 = 75A  
 09 = 90A

#### Termination Code

AA = Std. #10-32 Combo Screw, w/ Quad ¼"  
 Q.C. (1P & 2P)  
 CC = #14 to 4 Lug w/ Dual ¼" Q.C. (1P & 2P)  
 CY = Std. #10-32 Combo Screw w/ Dual ¼"  
 Q.C. (3P, 20A-40A)  
 CG = #14 - 4 Lug w/ Dual ¼ Q.C. (3P, 20A-40A)  
 CJ = #14 - 2 Lug w/ Dual ¼ Q.C. (3P, 50A-90A)

## Contact Rating

Model	Number of Poles	Full Load Amps	Locked Rotor Amps				Resistive Amps	Single Phase (HP Ratings)		Three Phase (HP Ratings)		
			240 Vac	277 Vac	480 Vac	600 Vac		277 Vac	120 Vac	240 Vac	240 Vac	480 Vac
MKH-1X	1.5	20	120	120	100	80	20	-	-	-	-	-
		25	150	150	125	100	25	-	-	-	-	-
		30	180	180	150	120	30	-	-	-	-	-
		40	240	240	200	160	40	-	-	-	-	-
MKH-2X	2	20	120	120	100	80	20	-	-	-	-	-
		25	150	150	125	100	25	-	-	-	-	-
		30	180	180	150	120	30	-	-	-	-	-
		40	240	240	200	160	40	-	-	-	-	-
MKH-3A	2 (3 Pole Base)	50	300	240	240	200	50	-	-	-	-	-
		60	360	240	300	240	60	-	-	-	-	-
		75	450	300	300	-	75	-	-	-	-	-
		90	540	360	360	-	90	-	-	-	-	-
MKH-3X	3	20	120	120	100	80	20	1.5	3	7.5	7.5	7.5
		25	150	150	125	100	25	2	5	7.5	10	15
		30	180	180	150	120	30	3	5	10	15	20
		40	240	240	200	160	40	3	7.5	10	20	25
		50	300	240	240	200	50	3	7.5	15	25	25
		60	360	240	300	240	60	5	15	20	30	30
		75	450	300	300	-	75	5	15	25	40	50
90	540	360	360	-	90	7.5	20	30	50	60		
MKH-4X	4	20	120	120	100	80	20	1.5	3	7.5	7.5	7.5
		25	150	150	125	100	25	2	5	7.5	10	15
		30	180	180	150	120	30	3	5	10	15	20
		40	240	240	200	160	40	3	7.5	10	20	25

# Coil Rating

MKH-1X (1.5 Pole, 20A - 40A)	Q	T	U	V	D	H
Nominal Coil Voltage (VAC)	24	120	208 / 240	277	380	480
Max Pickup Voltage (VAC)	18	88	177	221	285	360
Dropout Voltage Range (VAC)	6-15	20-70	40-140	50-165	61-258	77-326
Nominal Inrush VA (50/60 Hz)	31/28	31/28	35/32	31/28	32/28	32/28
Nominal Sealed VA (50/60 Hz)	6/5	6/5	7/6	6/5	6/5	6/5
MKH-2X (2 Pole, 20A - 40A)	Q	T	U	V	D	H
Nominal Coil Voltage (VAC)	24	120	208 / 240	277	380	480
Max Pickup Voltage (VAC)	18	88	177	221	285	360
Dropout Voltage Range (VAC)	6-15	20-70	40-140	50-165	61-258	77-326
Nominal Inrush VA (50/60 Hz)	22/20	22/20	22/20	22/20	22/20	22/20
Nominal Sealed VA (50/60 Hz)	5.5/4.5	5.5/4.5	5.5/4.5	5.5/4.5	5.5/4.5	5.5/4.5
MKH-3X (3 Pole, 20A - 40A)	Q	T	U	V	D	H
Nominal Coil Voltage (VAC)	24	120	208 / 240	277	380	480
Max Pickup Voltage (VAC)	18	88	177	220	285	384
Dropout Voltage Range (VAC)	6-15	20-70	40-140	65-185	61-258	150-270
Nominal Inrush VA (50/60 Hz)	65/60	65/60	65/60	65/60	65/60	65/60
Nominal Sealed VA (50/60 Hz)	7.5/6	7.5/6	7.5/6	7.5/6	7.5/6	7.5/6
MKH-3A & -3X (2 & 3 Pole, 50A - 60A)	Q	T	U	V	D	H
Nominal Coil Voltage (VAC)	24	120	208 / 240	277	380	480
Max Pickup Voltage (VAC)	18	93	177	235	285	374
Dropout Voltage Range (VAC)	6-15	20-70	40-135	40-135	61-258	150-286
Nominal Inrush VA (50/60 Hz)	140/132	140/132	140/132	140/132	140/132	140/132
Nominal Sealed VA (50/60 Hz)	20/14	20/14	20/14	20/14	20/14	20/14
MKH-3A & -3X (2 & 3 Pole, 75A - 90A)	Q	T	U	V	D	H
Nominal Coil Voltage (VAC)	24	120	208 / 240	277	380	480
Max Pickup Voltage (VAC)	18	88	177	220	285	384
Dropout Voltage Range (VAC)	6-15	20-70	40-110	65-185	61-258	150-270
Nominal Inrush VA (50/60 Hz)	285/240	285/240	285/240	285/240	285/240	285/240
Nominal Sealed VA (50/60 Hz)	42/27	42/27	42/27	42/27	42/27	42/27
MKH-4X (4 Pole, 20A - 40A)	Q	T	U	V	D	H
Nominal Coil Voltage (VAC)	24	120	208 / 240	277	380	480
Max Pickup Voltage (VAC)	19.2	88	177	220	285	384
Dropout Voltage Range (VAC)	6-15	20-70	40-140	65-185	61-258	150-270
Nominal Inrush VA (50/60 Hz)	68/60	68/60	58/55	58/52	58/52	58/52
Nominal Sealed VA (50/60 Hz)	14/9	14/9	11/9.5	11/9.5	11/9.5	11/9.5