



MeK-Tronics

Definite Purpose Contactors

F Series



Packaging

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

MKF



1X

Q

00

AA

Pole Form

1X = 1 Pole (NO) w/Shunt
 2X = 2 Pole (NO)
 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
 03 = 35A
 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		600 Vac	120 Vac	240 Vac	240 Vac	480 Vac
MKF-1X	1.5	20	120	120	100	100	35	-	-	-	-	-
		25	150	150	125	100	35	-	-	-	-	-
		30	180	180	150	120	40	-	-	-	-	-
		35	210	210	175	160	40	-	-	-	-	-
		40	240	240	200	160	50	-	-	-	-	-
MKF-2X	2	20	120	120	100	100	35	-	-	-	-	-
		25	150	150	125	100	35	-	-	-	-	-
		30	180	180	150	120	40	-	-	-	-	-
		35	210	210	175	160	40	-	-	-	-	-
		40	240	240	200	160	50	-	-	-	-	-
MKF-3X	3	20	120	120	100	100	35	1.5	3	7.5	7.5	10
		25	150	150	125	100	35	2	5	7.5	10	15
		30	180	180	150	120	40	3	5	10	15	20
		35	210	210	175	160	40	3	5	10	15	20
		40	240	240	200	160	50	3	7.5	10	20	25
		50	300	300	250	200	65	3	7.5	15	25	30
		60	360	360	250	240	75	5	15	20	30	40
		75	450	450	375	300	90	5	15	25	40	50
90	540	540	375	360	120	7.5	20	30	50	60		
MKF-4X	4	20	120	120	100	100	35	1.5	3	7.5	7.5	10
		25	150	150	125	100	35	2	5	7.5	10	15
		30	180	180	150	120	40	3	5	10	15	20
		35	210	210	175	160	40	3	5	10	15	20
		40	240	240	200	160	50	3	7.5	10	20	25

Coil Rating

MKF-1X & -2X (1.5 & 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	90	180	208	285	360
Dropout Voltage Range (VAC)	3.8 - 16.3	19.2 - 81.6	38.4 - 163	44 - 188	61-258	77-326
Nominal Inrush VA (50/60 Hz)	22/20	22/20	23/21	23/21	23/21	20/20
Nominal Sealed VA (50/60 Hz)	8/5.6	7/5.4	7/5.4	7/5.4	7/5.4	7/5.2
MKF-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	90	180	208	285	360
Dropout Voltage Range (VAC)	3.8 - 16.3	19.2 - 81.6	38.4 - 163	44.3 - 188.3	61-258	77-326
Nominal Inrush VA (50/60 Hz)	52/48	65/59	65/59	65/59	65/59	60/54
Nominal Sealed VA (50/60 Hz)	9/8.2	10/9.1	11/10	11/10	11/10	8/7.2
MKF-3X (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	90	180	208	285	360
Dropout Voltage Range (VAC)	3.8 - 16.3	19.2 - 81.6	38.4 - 163	44.3 - 188.3	61-258	77-326
Nominal Inrush VA (50/60 Hz)	73/70	85/81	90/86	90/86	90/86	90/86
Nominal Sealed VA (50/60 Hz)	13/12.4	13/12.4	13/12.4	13/12.4	13/12.4	13/12.4
MKF-3X (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	90	180	208	285	360
Dropout Voltage Range (VAC)	3.8 - 16.3	19.2 - 81.6	38.4 - 163	44.3 - 188.3	61-258	77-326
Nominal Inrush VA (50/60 Hz)	160/155	240/235	240/235	240/235	240/235	240/235
Nominal Sealed VA (50/60 Hz)	45/41	52/48	50/46	50/46	50/46	50/46
MKF-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)	18	90	180	208	285	360
Dropout Voltage Range (VAC)	3.8 - 16.3	19.2 - 81.6	38.4 - 163	44.3 - 188.3	61-258	77-326
Nominal Inrush VA (50/60 Hz)	52/48	65/59	65/59	65/59	65/59	60/54
Nominal Sealed VA (50/60 Hz)	9/8.2	10/9.1	11/10	11/10	11/10	8/7.2