



K200C

200A Contactor Assembly



P.O. Box 1464, Crystal Lake, IL 60014 (815) 455-0846

Visit our website at www.kgtechnologies.net
E-mail inquiries to info@kgtechnologies.net



K200C Contactor Assembly 200A/480VAC

Features:

- * 200A 2 pole UL rated socket relay package
- * Pluggable design for easy maintenance
- * Latching and non-latching versions
- * Available for DC and AC input
- * DPST (transfer version) available

Applications:

- * City street and park light control
- * Industrial lighting
- * Motor control



SPECIFICATIONS

Type:

Series K200C contactor assembly

Contact data:

Rated load (FLA) -	200A/480VAC
Contact arrangement -	DPST-NO
Contact material -	silver cadmium
Initial contact resistance -	< 500 micro ohm
Current carry (LRA) -	200A
Max. operating current	240A
Max. operating voltage -	480VAC
Max. switching capacity -	24KVA

Characteristics:

Insulation resistance	1000M Ohm, 500Vdc
Dielectric strength:	
*coil to contact	5000 VAC for 1 min.
*across open contacts	3000 VAC for 1 min.
Operate time	50 ms typical
Release time	50 ms typical
Ambient temperature	-40 to +70 C
Dimensions in mm	100 X 80X 30

Coil data:

Coil consumption -	24 W for 50 ms
Coil voltage range -	6~48Vdc

Rated coil voltage	Coil resistance Ohm +/- 10%	Operating voltage	Pulse duration (ms)
12VDC	12	80% of nominal	50
24VDC	48	80% of nominal	50
48VDC	190	80% of nominal	50
120VAC * (see note)	500	80% of nominal	(see note)

* Note : Intended for use with the developed KG driver circuit. Control supply (120VAC) to this circuit is continuous. Relay is ON with 120VAC control supply and OFF when the supply is removed.

Approvals:

UL, CUL, VDE pending