



REVISIONS		RELEASED	APPROVED
REV.	DESCRIPTION	DATE	APPROVED
A	RELEASED TO PRODUCTION	11-03-04	CB
B	11-012711 UPDATED VIEW OF WIRING HARNESS	11-06-06	CB
C	11-020414 WEIGHT WAS .31 LBS MAX	11-09-08	CB
D	19-003375 ADDED METRIC UNITS FOR DIM AND WEIGH	19-03-04	AH
E	19-007176 SPECIFICATION NOTES UPDATED	19-05-08	AH

CONSTRUCTION GASKET SEALED

MAIN CONTACTS CONFIGURATION SPST N.O. (DOUBLE BREAK)

VOLTAGE 28 VDC

CURRENT 200 AMPS

RESISTIVE MOTORLOAD 120 AMPS PER MIL-PRF-6106

OVERLOAD 1600 AMPS PER MIL-PRF-6106

RUPTURE 2000 AMPS

COIL DATA CONTINUOUS (ECONOMIZED)

DUTY CYCLE 32 VDC

MAX. OPERATE VOLTAGE 28 VDC

NOMINAL OPERATE VOLTAGE 28 VDC

PICKUP VOLTAGE 18 VDC MAX

DROP VOLTAGE 1-9 VDC

PICKUP TIME 15 mS

DROPOUT TIME 15 mS

COIL CURRENT 5 AMPS MAX AT 28 VDC & 25°C

INRUSH 300 mA MAX AT 28 VDC & 25°C

HOLD SUPPRESSION  $\pm 45$  VDC

ENVIRONMENTAL DATA

TEMPERATURE -55°C TO +85°C

ALTITUDE 50,000 FEET [15,240M]

LIFE ELECTRICAL 50,000 CYCLES MIN.

LIFE MECHANICAL 100,000 CYCLES MIN.

MAX WEIGHT .33 LBS (150g)

2	1	48102-003	NAME PLATE			8-1616974-4	
1	1	48057-020	PRIMARY ASSEMBLY - K200A1C			2-1616971-0	
FIND NO	QTY RECD	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	DRAWING OR SPECIFICATION	FSCM NO	TE PART NO	MATERIAL OR NOTE

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON

2 PL DEC.	.13 PL DEC.	ANGLES
$\pm .06$	$\pm .010$	$\pm 1^\circ$

DR BY	KL	08-02-04
CHK BY	CB	11-03-10
ENGR	RSS	11-03-10
MFG	BH	11-03-10
SIZE	CODE IDENT	
A	74063	
SCALE 1:1	SHEET 1 OF 1	

**STE**  
Hartman™ Division 175 N. DIAMOND STREET MANSFIELD, OHIO 44902

CONTACTOR-SPST NO DB  
200 AMP, 28 VDC

DWG NO. K200A1C

REF TE PN 5-1616970-9