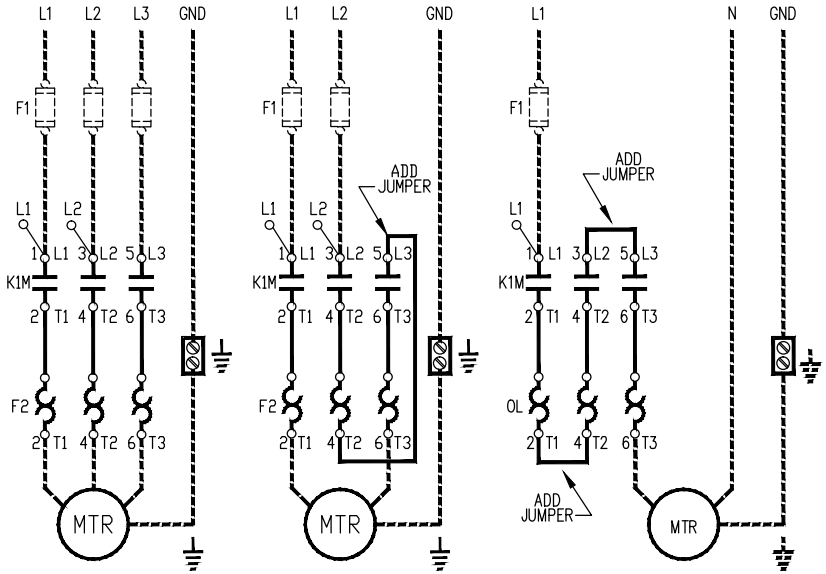
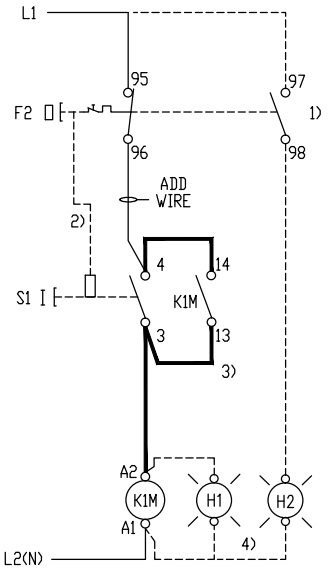
CUSTOMER MUST PROVIDE PROPER BRANCH CIRCUIT PROTECTION (F1)
SEE THE APPLICATION INSTRUCTION SHEET – COMPONENT SELECTION TABLES
FOR MAX. FUSE SIZE & CLASS AND APPLICABLE SHORT CIRCUIT RATING
(USE 75°C COPPER WIRE ONLY)



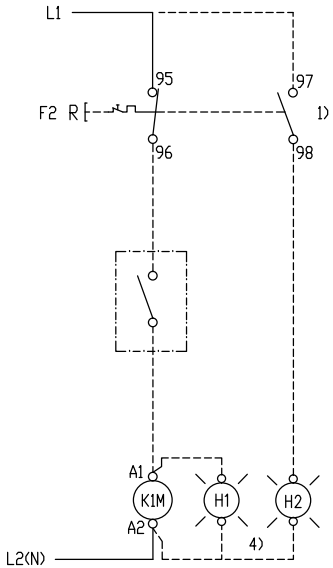
3–PHASE
CAK7 W/CT7K or CEP7 OL
FACTORY WIRING

2–PHASE
CBK7 W/CT7K or CEP7S OL
FACTORY WIRING

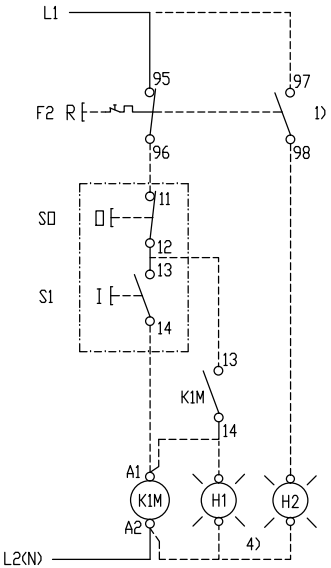
SINGLE–PHASE
1Ø ≦ 120V MOTORS



KS7–COS4
WITH START–STOP PUSHBUTTON



KS7–COS1
REMOTE CONTROL (MAINTAINED)



KS7–COS1
REMOTE CONTROL (START–STOP)
(INSTANTANEOUS CONTROL)

A.C.. Coil Code	Voltage Range 50 HZ	60 Hz	Control Source CBK7	CAK7
24Z	24V	24V	Separate	Separate
120	110V	120V	Common	Separate
208	~	208V	~	Common
220W	~	208V-240V	Common	Common
240	220V	240V	Common	Common
D.C. Coil Code	**Voltage Range VDC**		**Control Source CBK7**	**CAK7**
24E		24V	Separate	Separate

DANGER: THE OPENING OF THE BRANCH CIRCUIT PROTECTIVE DEVICE MAY BE AN INDICATION THAT A FAULT CURRENT HAS BEEN INTERRUPTED.
TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, CURRENT–CARRYING PARTS AND OR OTHER COMPONENTS OF THE CONTROLLER SHOULD BE EXAMINED AND REPLACED IF DAMAGED.

DANGER: WITH THE MECHANICAL LATCH (2) INSTALLED OR WHEN WIRED FOR 2–WIRE CONTROL. A MOTOR CONNECTED TO THE CIRCUIT MAY START AUTOMATICALLY WHEN THE OVERLOAD RELAY IS IN THE AUTOMATIC RESET POSITION.

THIS DRAWING IS FOR USE WITH THE FOLLOWING ENCLOSURES:
KS7–COS4 with integrated START/STOP push buttons
KS7–COS1 with integrated RESET push button

NOTES:
1) OL INDICATION CONTACT 97–98 NOT AVAILABLE ON CT7K.
2) MECHANICAL LATCH KS7–PLA FOR MAINTAINED CONTROL (OPTIONAL).
3) START CONTACT KIT KS7–PCK (INCLUDED) MOUNTS ON THE RIGHT SIDE WITH PRE–FORMED JUMPERS.
4) OPTIONAL PILOT LIGHTS.

REV	CHANGE	DATE	BY
5	REVISED SINGLE PHASE 120V POWER CIRCUIT.	8–12–16	CG
4	REVISED NOTES.	3–10–11	MB
3	GENERAL REVISION	9–17–09	MB
2	REVISED NOTES	9–26–07	JR
1	REVISED TO CHANGE TERMINAL LABELS	7–17–07	MB

NOTICE
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DRAWN BY: JR
CHECKED BY: JR
APPROVED BY: JR
DATE 3–07–07

KWIKSTARTERS II
FULL VOLTAGE NON–REVERSING
CAK/CBK 7–9...23–✱–◆–P2/P0

sprecher+schuh HOUSTON, TEXAS

DWG. NO. CAK7 WS–102–05
SERIES 100