



24VAC (SHEET 1 - TR2)

CR2-2 REMOTE ON/OFF (SEE NOTE BELOW)

NOTE: REMOVE JUMPER BETWEEN TB1-7 AND TB1-8 WHEN USING REMOTE ON/OFF

TO 3-PHASE DETECT PCB (SHEET 1)

1 P2 PHASE1 RED AC1

2 P2 PHASE2 WHT AC2

3 P2 PHASE3 GRN AC3

4 P2 GND BLK GND

Sph1400a MICROPROCESSOR PCB

INTERNAL | EXTERNAL

TO AUTOMATIC GAS CONSOLE

START INPUT
LOAD: 12VDC, 10mA

ARC HOLD INPUT
LOAD: 12VDC, 10mA

MARKING INPUT
LOAD: 12VDC, 10mA

MOTION OUTPUT
CONTACT RATING: .6A - 125VAC, .6A - 110VDC, 2A - 30VDC

POWER SUPPLY READY OUTPUT
CONTACT RATING: .6A - 125VAC, .6A - 110VDC, 2A - 30VDC

REMOTE ON/OFF INPUT
LOAD: 24VAC, 115mA
NOTE: REMOVE JUMPER BETWEEN TB1-7 AND TB1-8 WHEN USING REMOTE ON/OFF

POWER STATUS OUTPUT
24VAC BETWEEN P8-6 AND P8-9 WHEN POWER IS ON
OUTPUT RATING: 250mA / 24VAC

COOLING SYSTEM

KALIBURN	
SCALE: NONE	APPROVED BY:
DATE: 1/21/08	DRAWN BY: JLW
	REVISION: 1
Sph1400a SYSTEM SCHEMATIC - SHEET 2 OF 2 (460V THREE PHASE SHOWN)	
TOLERANCE: .XX .XXX ANGLE	DRAWING NUMBER: D284000