

CIRCUIT DRAWN WITH
POWER SUPPLY OFF

FOR TYPICAL REMOTE CONTROL
DETAILS SEE DOCUMENT
RWS320

TRANSFORMER TAPPING OPTIONS

TYPE 1

TAP	NOM 50/60HZ	50HZ	60HZ
W	220/230	176-242	198-259
X	380/400	304-418	342-446
Y	415/420	332-457	374-487
Z	440/460	352-484	396-517

FUSE FS1 - 250mA ANTI-SURGE

TYPE 2

TAP	NOM 50/60HZ	50HZ	60HZ
W	346/380	285-388	321-419
X	480/500	406-552	432-564
Y	240/240	192-261	216-282
Z	550/575	445-605	501-654

FUSE FS1 - 250mA ANTI-SURGE

TYPE 3

TAP	NOM 50/60HZ	50HZ	60HZ
X	660/660-690	534-726	600-726
Y	690/---	558-759	

FUSE FS1 - 150mA ANTI-SURGE

ALL TRANSFORMER TYPES - PS1 SELF
RESETTING FUSE.

NOTE

REFER TO PUBLICATION E170E3 FOR
APPROVED FUSES FS1 AND FS2.

SIL2/3 APPLICATIONS

ACTUATOR IS TuV CERTIFIED FOR SIL2/3
APPLICATIONS ONLY WHEN INSTALLED,
COMMISSIONED, OPERATED & MAINTAINED
IN STRICT ACCORDANCE WITH THE IQ PRO
SAFETY MANUAL - PUBLICATION E173E3.

MAX LOAD ON TERMINALS 4 & 5 = 5W
REMOTE CONTROL SIGNAL THRESHOLD
VOLTAGES FOR GUARANTEED OPERATION:
"ON" = ≥20V / "OFF" = ≤3V
MINIMUM SIGNAL DURATION = ≥300ms
NOMINAL CURRENT DRAWN FROM EACH
CONTROL SIGNAL IS 5mA

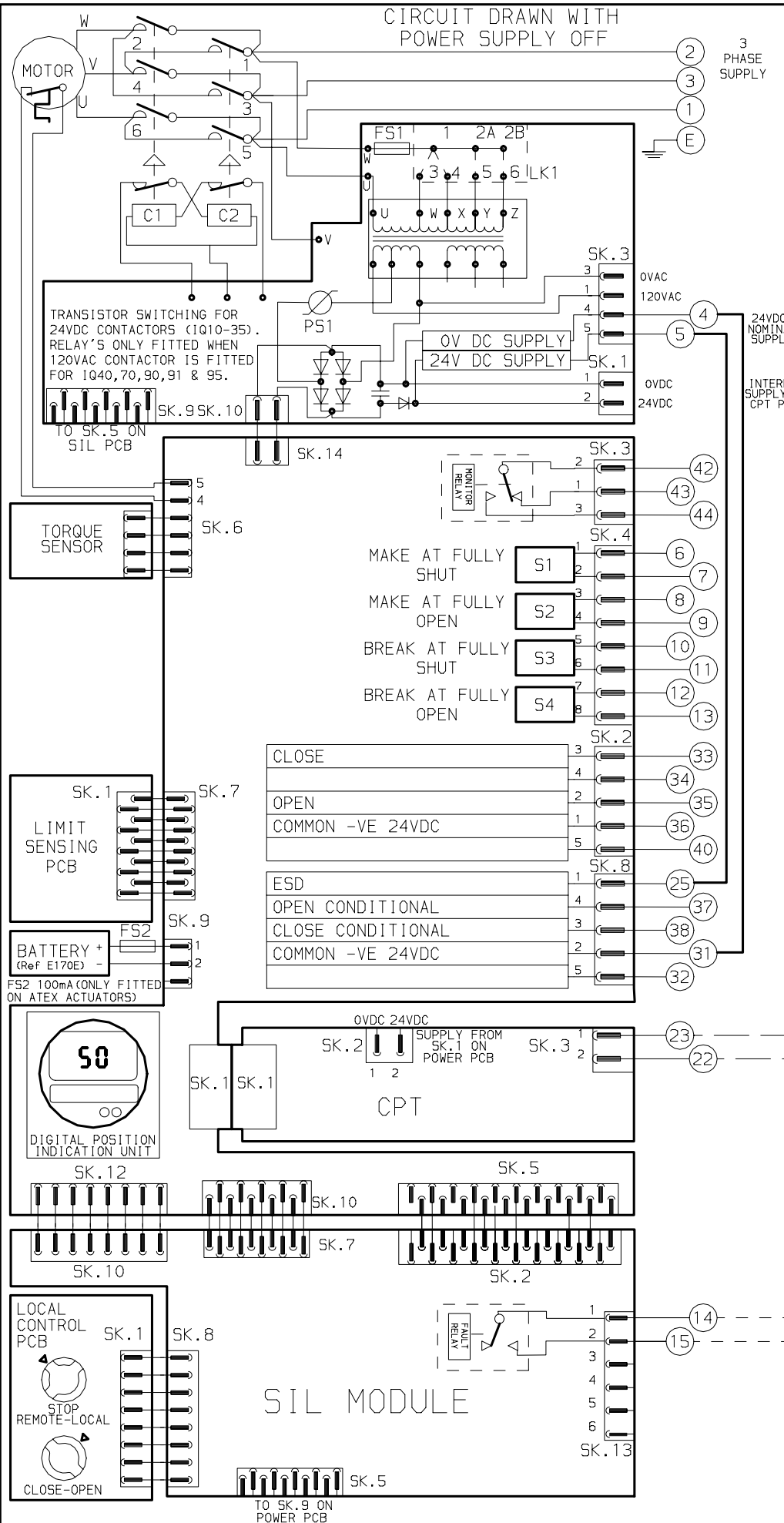
LINK FITTED BY ROTORK

+ve 24VDC NOMINAL
(20-40VDC MAX)
-ve

NOTE-UNDER LOSS OF AC POWER
CPT OUTPUT WILL GO TO 4mA

FOR DETAILS OF CPT FUNCTIONS
REFER TO ROTORK PUBLICATION E120E

INDICATION CONTACTS S1-S4 ARE SHOWN
IN THEIR DEFAULT CONFIGURATION.
CONTACTS MAY BE CONFIGURED FOR ANY
OF THE FUNCTIONS DESCRIBED IN E170E3



No	DATE	REVISION DETAILS
02	171007 P.J.W	NOTES RE-VAMPED CHECKED P.H

www.rotork.com

ROTORK CONTROLS LTD BATH, BA1 3JQ ENGLAND Tel:01225-733200	ROTORK CONTROLS INC ROCHESTER NY 14624, USA Tel:585-328-1550
---	---

CONFIG BY PJW
DATE 300407
CHECKED SP
BASE WD 3060-000
JOB No .
M.I.No .

**IQ + SIL PCB & EXT
PWR CPT**

CIRCUIT DIAGRAM No -REV 102
3060S000-02

B1 C1 B2 C2