

CIRCUIT DRAWN WITH
POWER SUPPLY OFF

FOR TYPICAL REMOTE CONTROL
DETAILS SEE DOCUMENT
RWS301

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
FUZE

NOTE

REFER TO PUBLICATION E170E FOR
APPROVED FUSES FS1 AND FS2.

MAX EXTERNAL LOAD ON TERMINALS
4 & 5 TO BE 15VA.

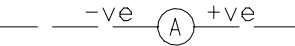
CONTROL SIGNAL THRESHOLD VOLTAGES
TO BE MINIMUM 'ON' 20V AC/DC
MAXIMUM 'OFF' = 3V
MINIMUM CONTROL SIGNAL DURATION
TO BE 300mS.

CURRENT DRAWN FROM EACH REMOTE
CONTROL SIGNAL IS 5mA ON 24V DC
OR 12mA ON 120V AC

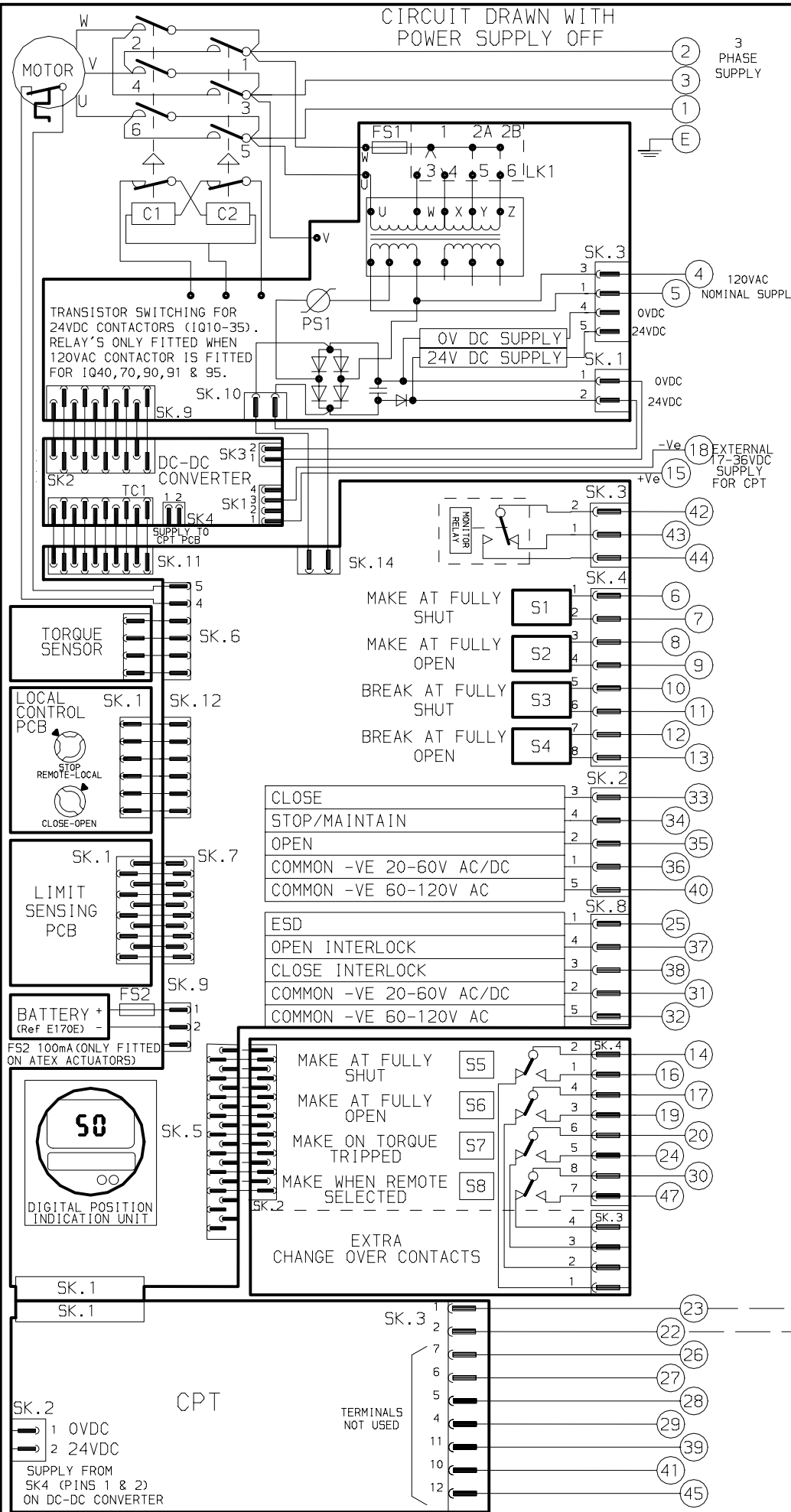
WIRES ARE IDENTIFIED AT EACH END
BY TERMINAL No. OR TAG No.

INDICATION CONTACTS S1-S4 AND EXTRA
INDICATION CONTACTS S5-S8 ARE SHOWN
IN THEIR DEFAULT CONFIGURATION.
CONTACTS MAY BE CONFIGURED FOR ANY
OF THE FUNCTIONS DESCRIBED IN E170E

CPT WILL FUNCTION NORMALLY WITH
3-PH POWER & NO AUX PWR,
BUT ON LOSS OF 3-PH CPT OUTPUT WILL
GO TO 0mA UNLESS AUX PWR IS FITTED



FOR DETAILS OF CPT FUNCTIONS
REFER TO ROTORK PUBLICATION E120E



No	DATE	REVISION DETAILS
03	110407	IQ PRO UPDATE. EC2198/1

www.rotork.com

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CONFIG BY PRE
DATE 081004
CHECKED PJW
BASE WD 3140-001
JOB No --
M.I.No MI03690

IQ + AUX PWR CPT + IND
RLY & 120VAC ON 4 & 5.

CIRCUIT DIAGRAM No -REV 102
3140-001-03

B1 C1 B2 C2 B1 C1 M1 V1