

CIRCUIT DRAWN WITH
POWER SUPPLY OFF

FOR TYPICAL REMOTE CONTROL
DETAILS SEE DOCUMENT
RWS300

TRANSFORMER TAPPING OPTIONS

TYPE 1 TYPE 2

TAP	NOM	RANGE	TAP	NOM	RANGE
X	100	80-120	X	200	160-240
Y	110	88-132	Y	230	184-276
Z	120	96-144	Z	270	216-324
FS1-250mA A/S FS2-5A A/S			FS1-150mA A/S FS2-2.5A A/S		

TYPE 3 TYPE 4

TAP	NOM	RANGE	TAP	NOM	RANGE
X	380	304-456	X	480	384-576
Y	400	320-480	Y	575	460-690
Z	415	332-498	Z	690	552-828
FS1-100mA A/S FS2-1.5A A/S			FS1-50mA A/S FS2-1.6A F/A		

ALL TRANSFORMER TYPES -
FUSE FS3 - 20A ATO FAST ACTING
PS1 SELF RESETTING FUSE

FAILSAFE OPERATION - ON LOSS OF 3-PHASE,
CUSTOMER SUPPLY ON 4 & 5 IS ALSO LOST.
THE LOSS OF CUSTOMER SUPPLY MUST BE
USED AS THE FAILSAFE TRIGGER
TERMINAL 15 MUST ONLY BE USED WHEN AN
INTERNAL FAILSAFE BATTERY PACK IS FITTED
THE 24VDC EXTERNAL SUPPLY FOR FAILSAFE
OPERATION MUST BE APPLIED TO TERMINALS
21 & 14.

REMOTE INPUTS MUST ALSO USE THIS SUPPLY
ACTUATOR ESD ACTION(A1) DEFAULT STAY PUT
ESD CONTACT(A2) DEFAULT N/O MAKE FOR ESD

NOTE

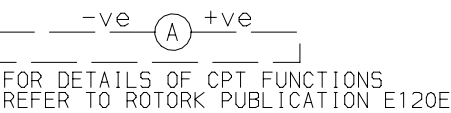
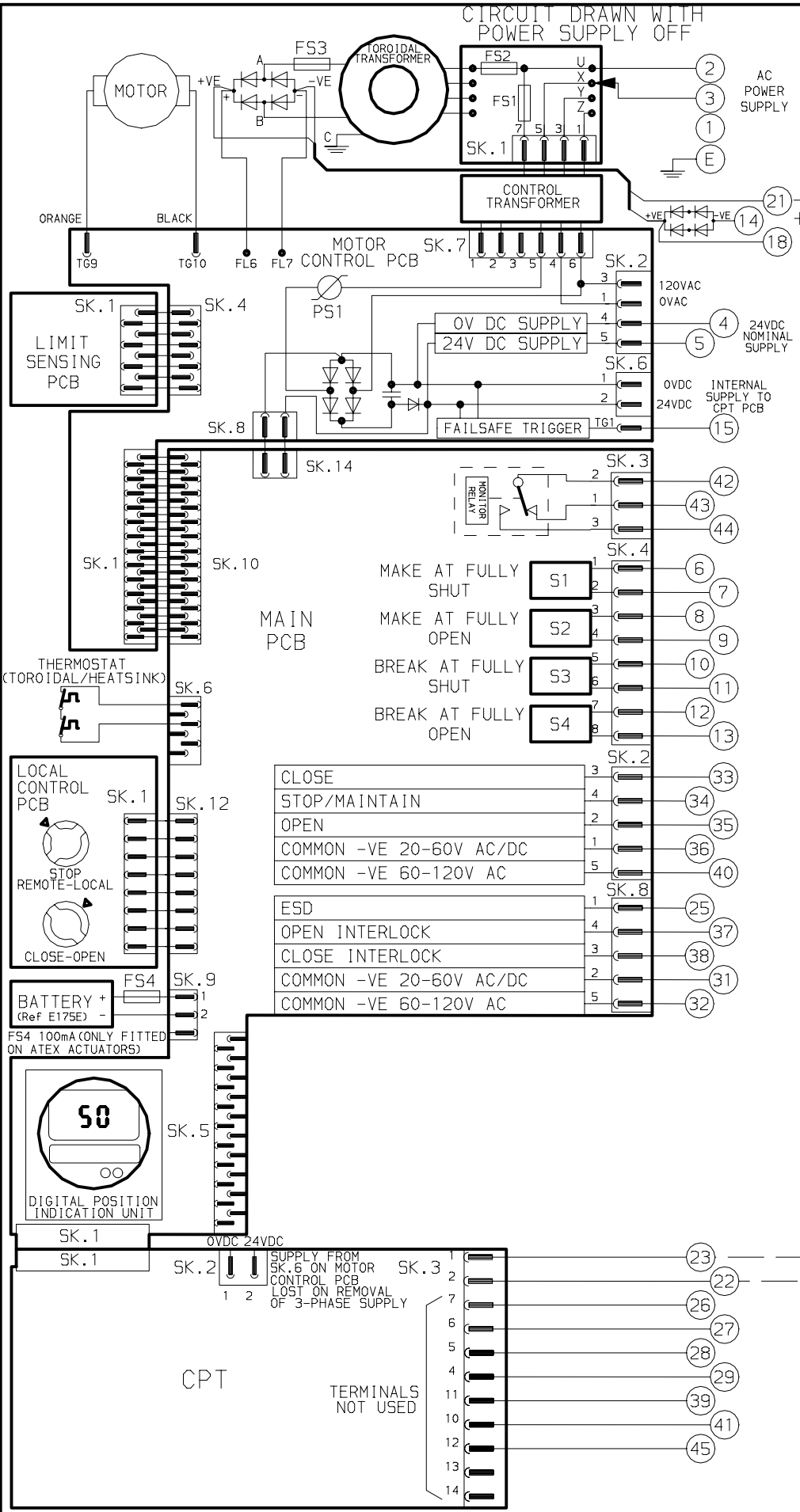
REFER TO PUBLICATION E175E FOR
APPROVED FUSES FS1, FS2 AND FS3.

MAX EXTERNAL LOAD ON TERMINALS
4 & 5 TO BE 5W.

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.



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 E175E

No	DATE	REVISION DETAILS
02	110407	IQ PRO UPDATE. EC2198/1

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CONFIG BY PJW
DATE 051005
CHECKED DA
BASE WD 6018-000
JOB No -
M.I.No -

IQT + CPT + EXTERNAL
FAILSAFE

CIRCUIT DIAGRAM No -REV 107
6018-000-02

B1 C1 B2 C2