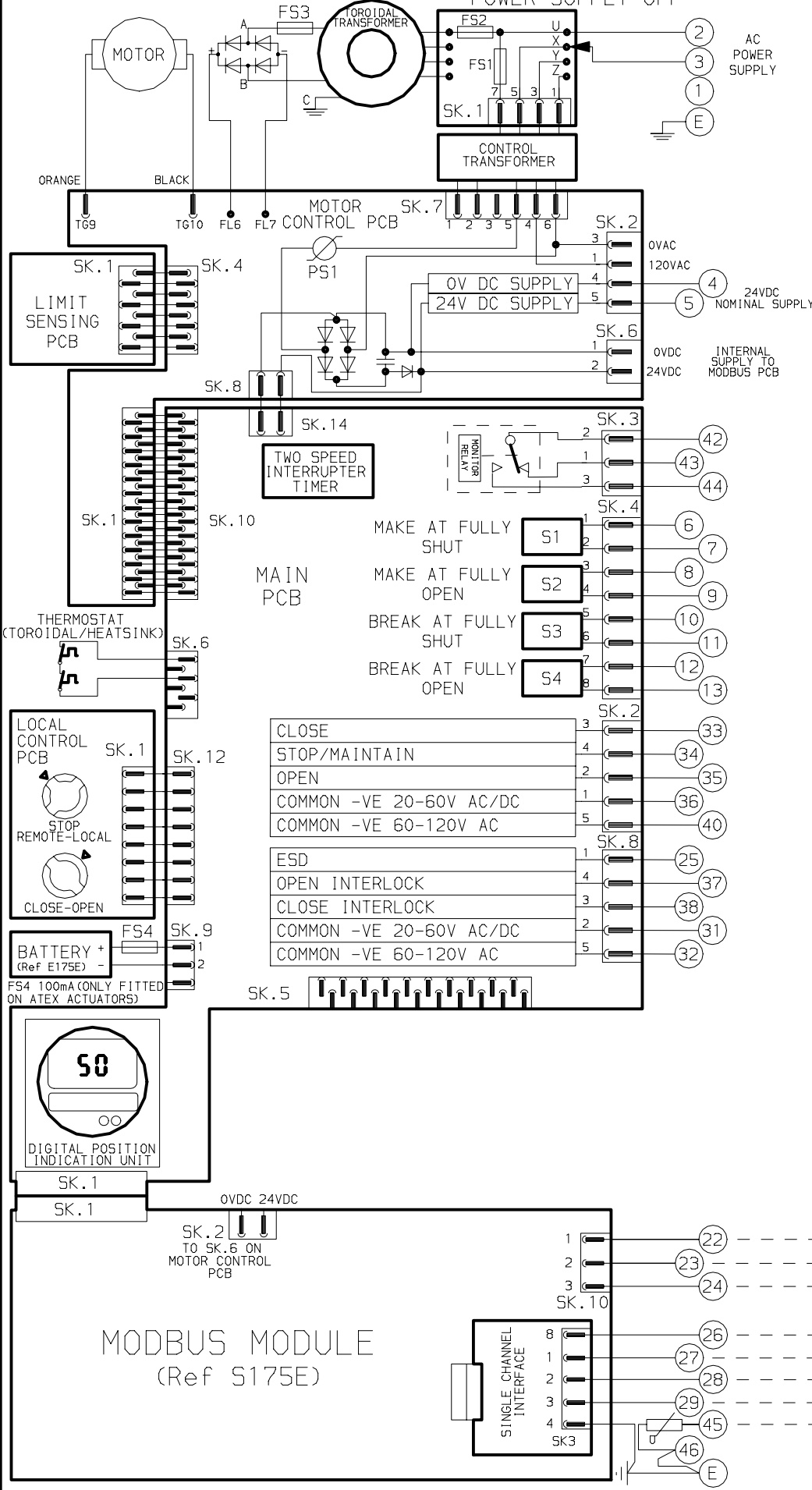


CIRCUIT DRAWN WITH
POWER SUPPLY OFF



FOR TYPICAL REMOTE CONTROL
DETAILS SEE DOCUMENT
No RWS

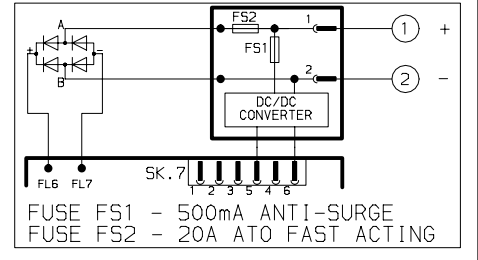
TRANSFORMER TAPPING OPTIONS

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		

TRANSFORMER TYPES 1, 2, 3 & 4 -
FUSE FS3 - 20A ATO FAST ACTING

TYPE 5 24VDC



ALL TRANSFORMER TYPES -
PS1 SELF RESETTING FUSE

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.

VOLTAGE INPUT (0-5 VOLTS)
+Ve TO 'A', 0 VOLTS TO COMMON
CURRENT INPUT (0-20mA)
LINK A TO B, CURRENT SOURCE
BETWEEN A/B AND COMMON.

22 --- ANALOGUE I/P 'A'
23 --- ANALOGUE I/P 'B'
24 --- COMMON
26 --- TERMINATOR } TO USE THE TERMINATOR
27 --- 1A } CONNECT A LINK BETWEEN
28 --- 1B } THE TERMINATOR AND 1B
29 --- COMMON } BUNG CONNECTIONS.
45 --- SCREEN } WIRE MODBUS FIELD
46 --- } CONNECTIONS AS NORMAL.

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	180107	IQPRO MODBUS UPDATE EC2197/3

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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 050506
CHECKED DA
BASE WD 6000-410
JOB No -
M.I.No -

IQT + MODBUS MODULE
& TIMER.

CIRCUIT DIAGRAM No -REV 107
6000-410-02

B1 C1 B2 C2