

CIRCUIT DRAWN WITH
POWER SUPPLY OFF

FOR TYPICAL REMOTE CONTROL
DETAILS SEE DOCUMENT
NO RWS

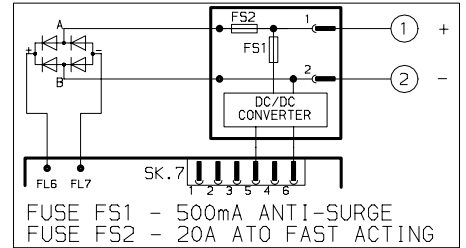
TRANSFORMER TAPPING OPTIONS

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

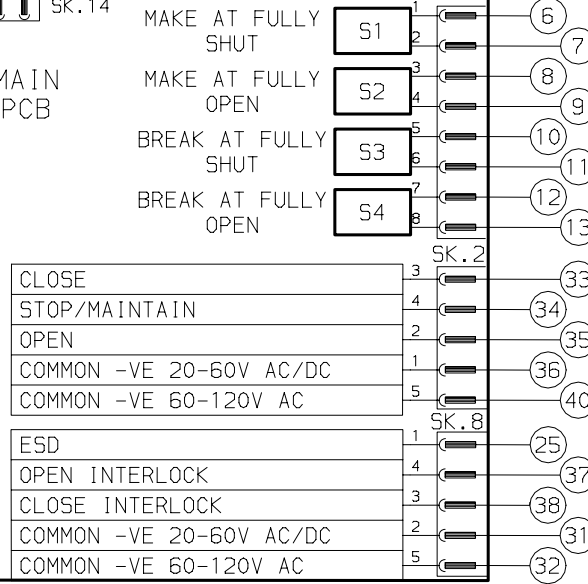
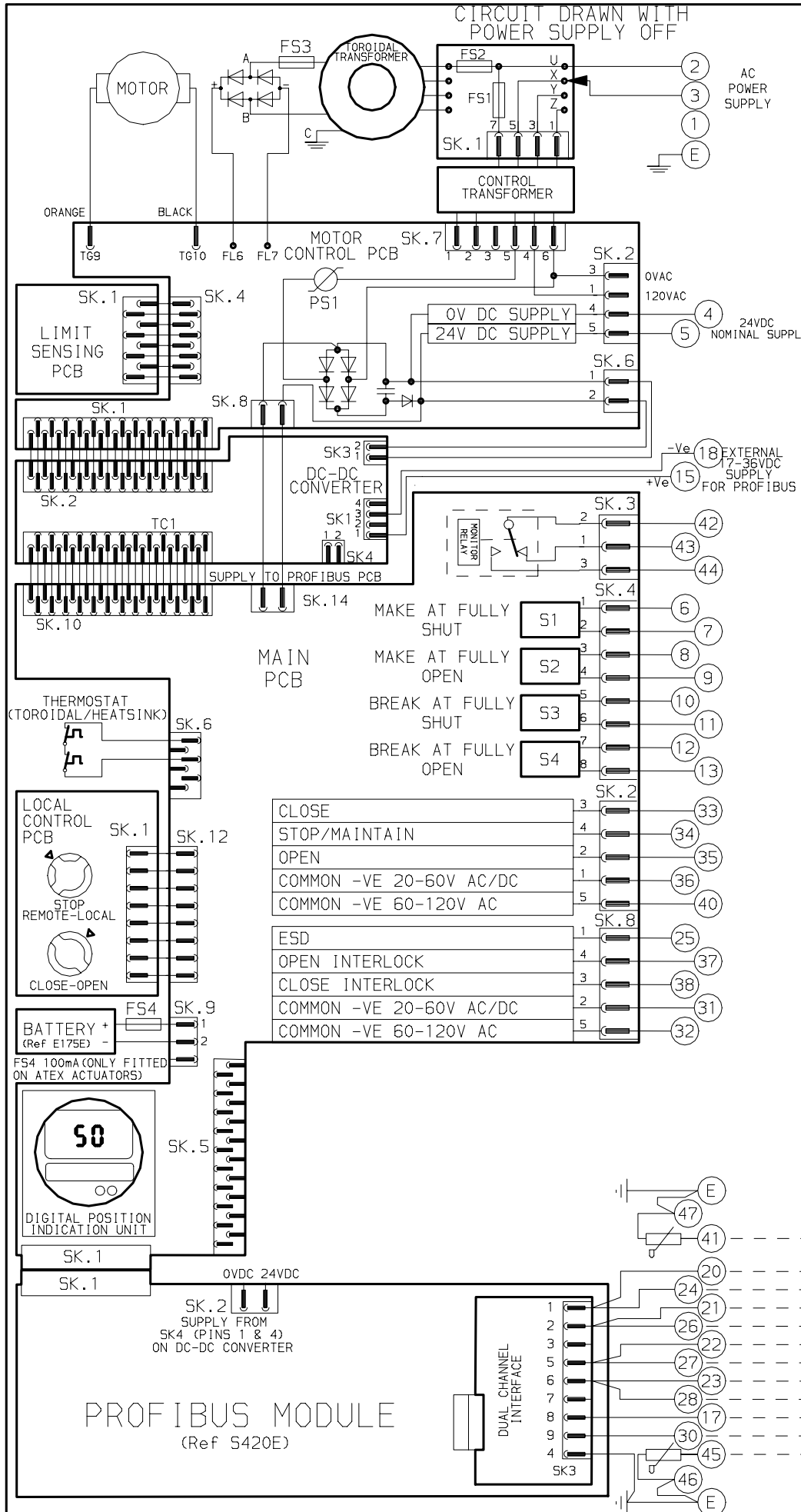
TYPE 5 24VDC



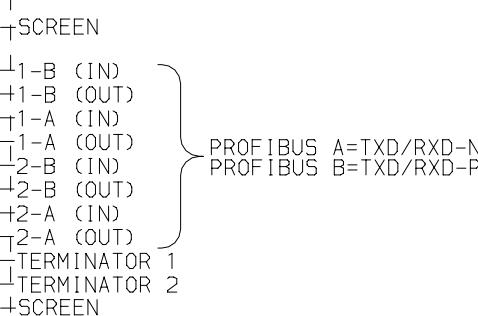
ALL TRANSFORMER TYPES -
PS1 SELF RESETTING FUSE

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.
- PROFIBUS WILL FUNCTION NORMALLY WHEN 3-PH MAINS POWER OR EXTERNAL 17-36VDC SUPPLY IS APPLIED.



CLOSE	3	SK.2	33
STOP/MAINTAIN	4	SK.2	34
OPEN	2	SK.2	35
COMMON -VE 20-60V AC/DC	1	SK.2	36
COMMON -VE 60-120V AC	5	SK.2	40
ESD	1	SK.8	25
OPEN INTERLOCK	4	SK.8	37
CLOSE INTERLOCK	3	SK.8	38
COMMON -VE 20-60V AC/DC	2	SK.8	31
COMMON -VE 60-120V AC	5	SK.8	32



INDICATION CONTACTS S1-S4 ARE SHOWN
IN THEIR DEFAULT CONFIGURATION.
CONTACTS MAY BE CONFIGURED FOR ANY
OF THE FUNCTIONS DESCRIBED IN E175E

No 02	DATE 200910 P JW	REVISION DETAILS	www.rotork.com	CONFIG BY JC1	IQT + PROFIBUS +AUX POWERED
		AUX POWER NOTE CHANGED CHECKED JC1		DATE 090108	
ROTORK CONTROLS LTD BATH, BA1 3JQ ENGLAND Tel: 01225-733200		ROTORK CONTROLS INC ROCHESTER NY 14624, USA Tel: 585-247-2304		CHECKED PJW	CIRCUIT DIAGRAM No -REV 6050-600-02
				BASE WD 6050-000	
				JOB No -	B1 C1 B2 C2
				M.I.No -	