

CIRCUIT DRAWN WITH
POWER SUPPLY OFF

FOR TYPICAL REMOTE CONTROL
DETAILS SEE DOCUMENT
NO RWS

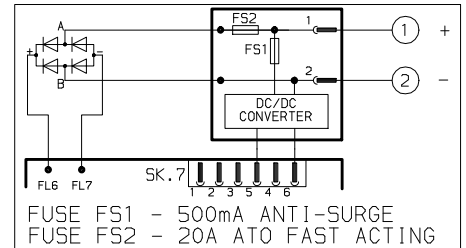
TRANSFORMER TAPPING OPTIONS

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

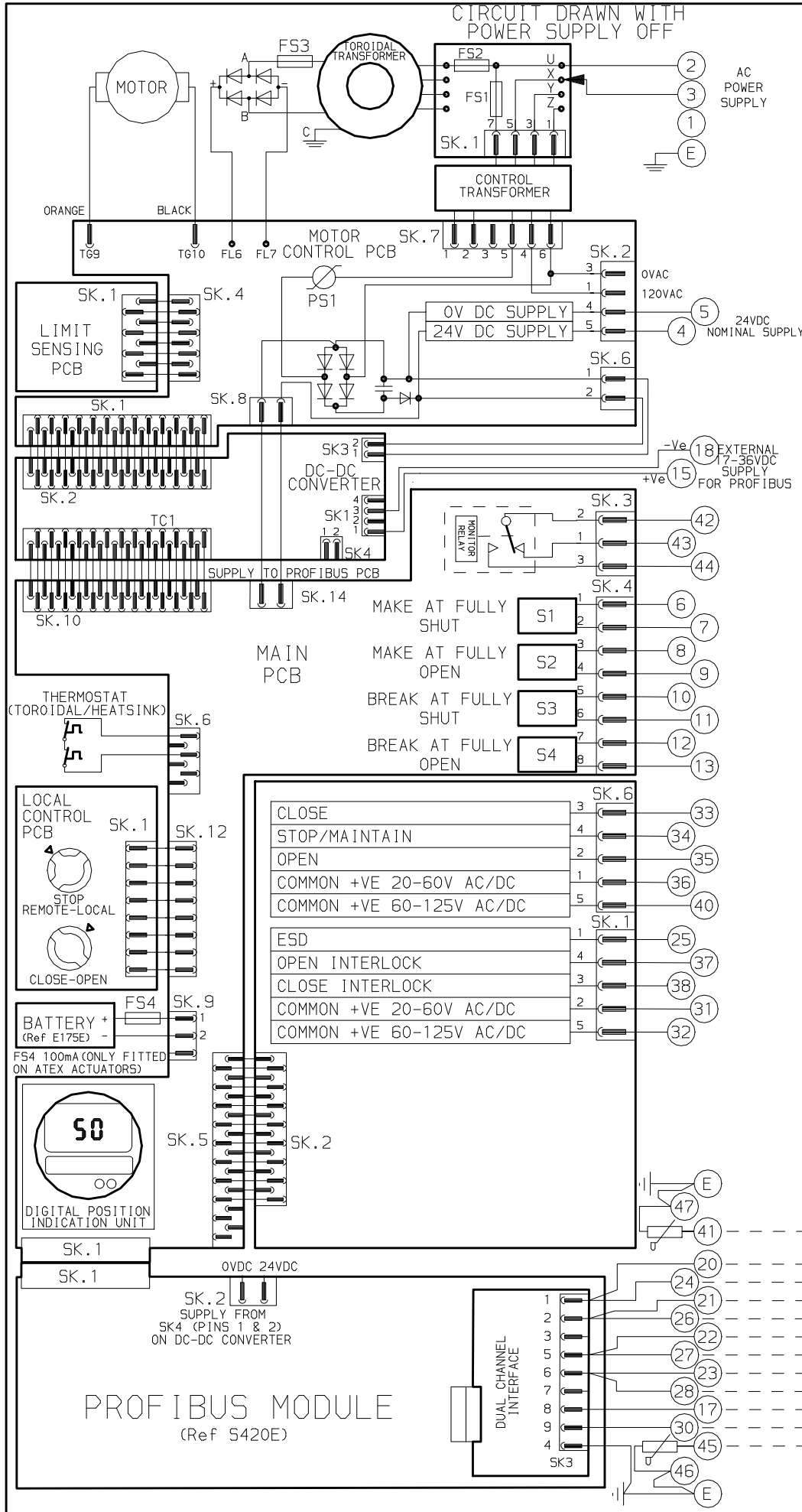
TYPE 5 24VDC



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.



SCREEN

- 20 --- -1-B (IN)
 - 21 --- -1-B (OUT)
 - 24 --- -1-A (IN)
 - 26 --- -1-A (OUT)
 - 22 --- -2-B (IN)
 - 27 --- -2-B (OUT)
 - 23 --- +2-A (IN)
 - 28 --- +2-A (OUT)
 - 17 --- -TERMINATOR 1
 - 30 --- -TERMINATOR 2
 - 45 --- +SCREEN
- PROFIBUS A=TXD/RXD-N
PROFIBUS B=TXD/RXD-P

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

No 01	DATE 080811	REVISION DETAILS First Issue	www.rotork.com	CONFIG BY PJW DATE 080811 CHECKED JC1 BASE WD 6050N000 JOB No - M.I.No -	IQT+PROFIBUS+AUX PWR + NEGATIVE SWITCHING
ROTORK CONTROLS LTD BATH, BA1 3JQ ENGLAND Tel: 01225-733200		ROTORK CONTROLS INC ROCHESTER NY 14624, USA Tel: 585-247-2304		CIRCUIT DIAGRAM No -REV 101 6050N600-01 B1 C1 B2 C2	