

CIRCUIT DRAWN WITH  
POWER SUPPLY OFF

FOR TYPICAL REMOTE CONTROL  
DETAILS SEE DOCUMENT  
No RWS

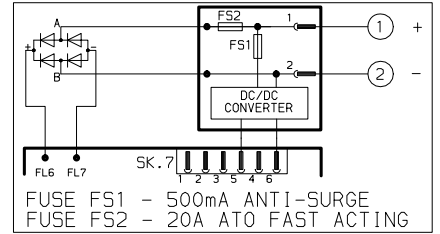
TRANSFORMER TAPPING OPTIONS

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 FS2-1.6A 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



FUSE FS1 - 500mA ANTI-SURGE  
FUSE FS2 - 20A ATO FAST ACTING

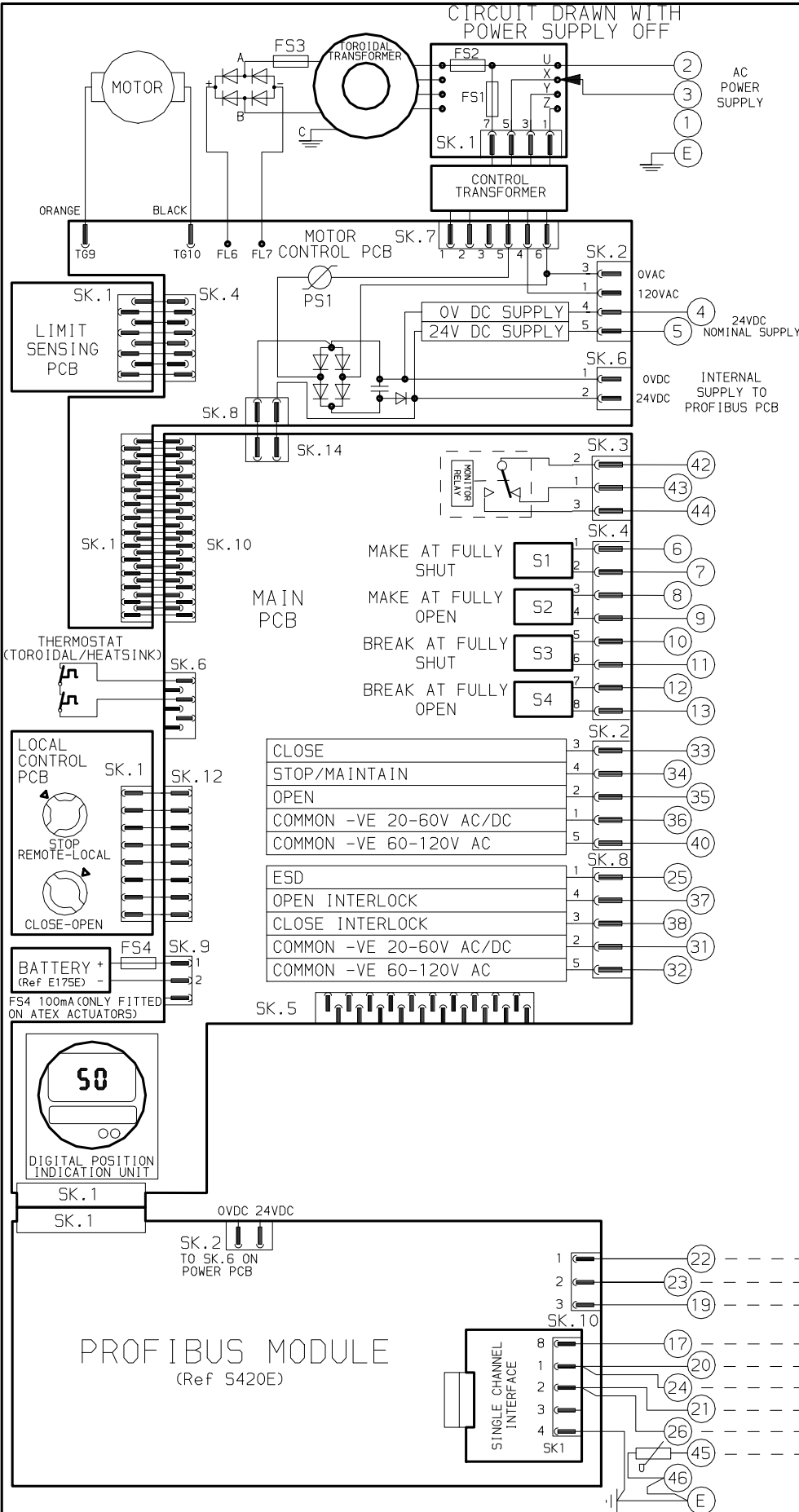
ALL TRANSFORMER TYPES -  
PS1 SELF RESETTING FUSE

NOTE

- REFER TO PUBLICATION E175E/PUB002-004 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
- INDICATION CONTACTS S1-S4 ARE SHOWN IN THEIR DEFAULT CONFIGURATION.  
CONTACTS MAY BE CONFIGURED FOR ANY OF THE FUNCTIONS DESCRIBED IN E175E
- 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'
  - 19 --- + COMMON
  - 17 --- TERMINATOR
  - 20 --- PROFIBUS B (IN)
  - 24 --- PROFIBUS B (OUT)
  - 21 --- PROFIBUS A (IN)
  - 26 --- PROFIBUS A (OUT)
  - 45 --- SCREEN
  - 46 --- E
- PROFIBUS A=TXD/RXD-N  
PROFIBUS B=TXD/RXD-P



No	DATE	REVISION DETAILS	www.rotork.com		CONFIG BY PJW	IQT + SINGLE CHANNEL PROFIBUS.
02	190307	SINGLE CHANEL PROFIBUS UPDATE. EC2197/5			DATE 080604	
03	031215	FUSE VALUES UPDATED & PUB002-004 REF ADDED CHECKED PJW	ROTORK CONTROLS LTD BATH, BA1 3JQ ENGLAND Tel:01225-733200	ROTORK CONTROLS INC ROCHESTER NY 14624, USA Tel:585-328-1550	CHECKED TH BASE WD 6000-900 JOB No - M.I.No -	CIRCUIT DIAGRAM No -REV 100 <b>6000-900-03</b> B1 C1 B2 C2