

CIRCUIT DRAWN WITH  
POWER SUPPLY OFF

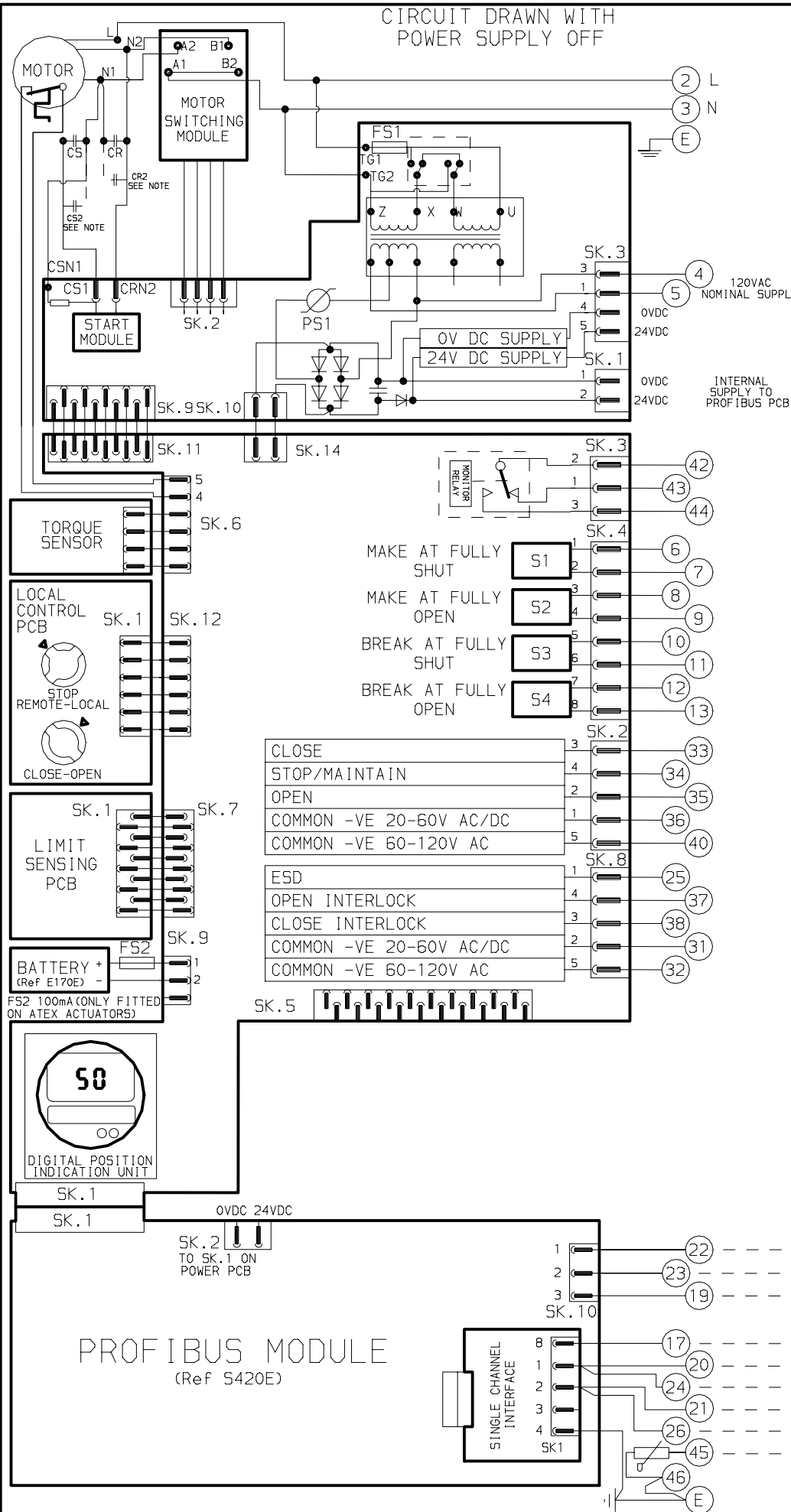
FOR TYPICAL REMOTE CONTROL  
DETAILS SEE DOCUMENT  
**No RWS**

TRANSFORMER TAPPING OPTIONS

VOLTAGE	50HZ	60HZ
LOW	92-135	92-135
HIGH	184-270	184-270

FUSE FS1 - 500mA ANTI-SURGE  
ALL TRANSFORMER TYPES - PS1 SELF  
RESETTING FUSE

CAPACITOR START/RUN  
(CS/CS2 and CR/CR2)  
COMBINATIONS & VALUES VARY WITH  
SUPPLY VOLTAGE & ACTUATOR SIZE.



INTERNAL SUPPLY TO PROFIBUS PCB

- MAKE AT FULLY SHUT S1
- MAKE AT FULLY OPEN S2
- BREAK AT FULLY SHUT S3
- BREAK AT FULLY OPEN S4

- CLOSE
- STOP/MAINTAIN
- OPEN
- COMMON -VE 20-60V AC/DC
- COMMON -VE 60-120V AC
- ESD
- OPEN INTERLOCK
- CLOSE INTERLOCK
- COMMON -VE 20-60V AC/DC
- COMMON -VE 60-120V AC

NOTE  
REFER TO PUBLICATION E170E FOR  
APPROVED FUSES FS1 AND FS2.

MAX EXTERNAL LOAD ON TERMINALS  
4 & 5 TO BE 15VA.

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 E170E

FOR TYPICAL REMOTE CONTROL  
INDICATING, MONITORING AND ALARM  
CIRCUITS SEE PUBLICATION E120E

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 <b>02</b>	DATE 190307	REVISION DETAILS SINGLE CHANEL PROFIBUS UPDATE. <b>EC2197/5</b>	<b>www.rotork.com</b>		CONFIG BY PJW	IQ + 1-CH PROFIBUS + 120VAC ON 4&5. S/PHASE
					DATE 221205	
			ROTORK CONTROLS LTD BATH, BA1 3JQ ENGLAND	ROTORK CONTROLS INC ROCHESTER NY 14624, USA	BASE WD 3001-901	CIRCUIT DIAGRAM No -REV <b>3001-901-02</b>
			Tel:01225-733200	Tel:585-328-1550	JOB No - M.I.No -	<b>B1 C1 B2 C2</b>