

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.

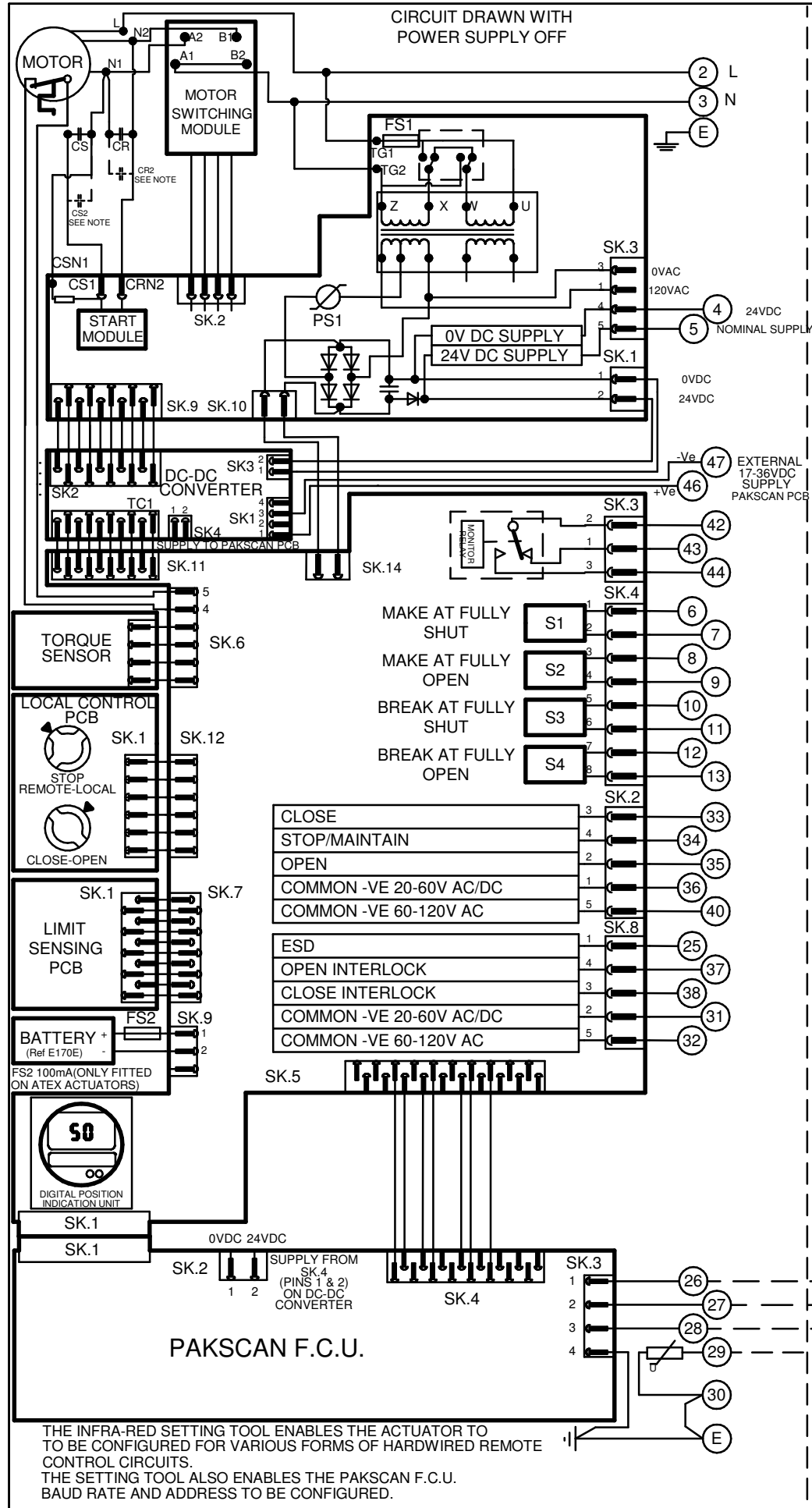
**NOTE**

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

**PAKSCAN ONLY**

CARE SHOULD BE TAKEN TO ENSURE  
THAT CIRCUITS CONNECTED TO  
TERMINALS 4 OR 5 ARE NOT CONNECTED  
DIRECTLY OR INDIRECTLY TO GROUND.  
2 WIRE 'A' (IN)  
2 WIRE 'B' (OUT)  
2 WIRE 'C' COMMON  
SCREEN  
PAKSCAN WILL FUNCTION NORMALLY  
WHEN 1-PH MAINS POWER OR EXTERNAL  
17-36VDC SUPPLY IS APPLIED.



THE INFRA-RED SETTING TOOL ENABLES THE ACTUATOR TO  
TO BE CONFIGURED FOR VARIOUS FORMS OF HARDWIRED REMOTE  
CONTROL CIRCUITS.  
THE SETTING TOOL ALSO ENABLES THE PAKSCAN F.C.U.  
BAUD RATE AND ADDRESS TO BE CONFIGURED.

Iss	Date	Chkd	Revision Details
1	280219	JC1	FIRST ISSUE.
2	280219	JC1	Pakscan function note 1-ph was 3-ph.

**www.rotork.com**

ROTORK CONTROLS LTD  
BATH, BA1 3JQ  
ENGLAND  
Tel:01225-733200

ROTORK CONTROLS INC  
ROCHESTER  
NY 14624, USA  
Tel:585-247-2304

**IQ + AUX POWER + S/PHASE + PAKSCAN**

Drawn by: PJW  
Date : 280219  
Base WD: 3051-200  
Job No : -  
MI No : -

Circuit Diagram No  
**3051-200**  
Issue No  
**2**

B1C1 B2C2