

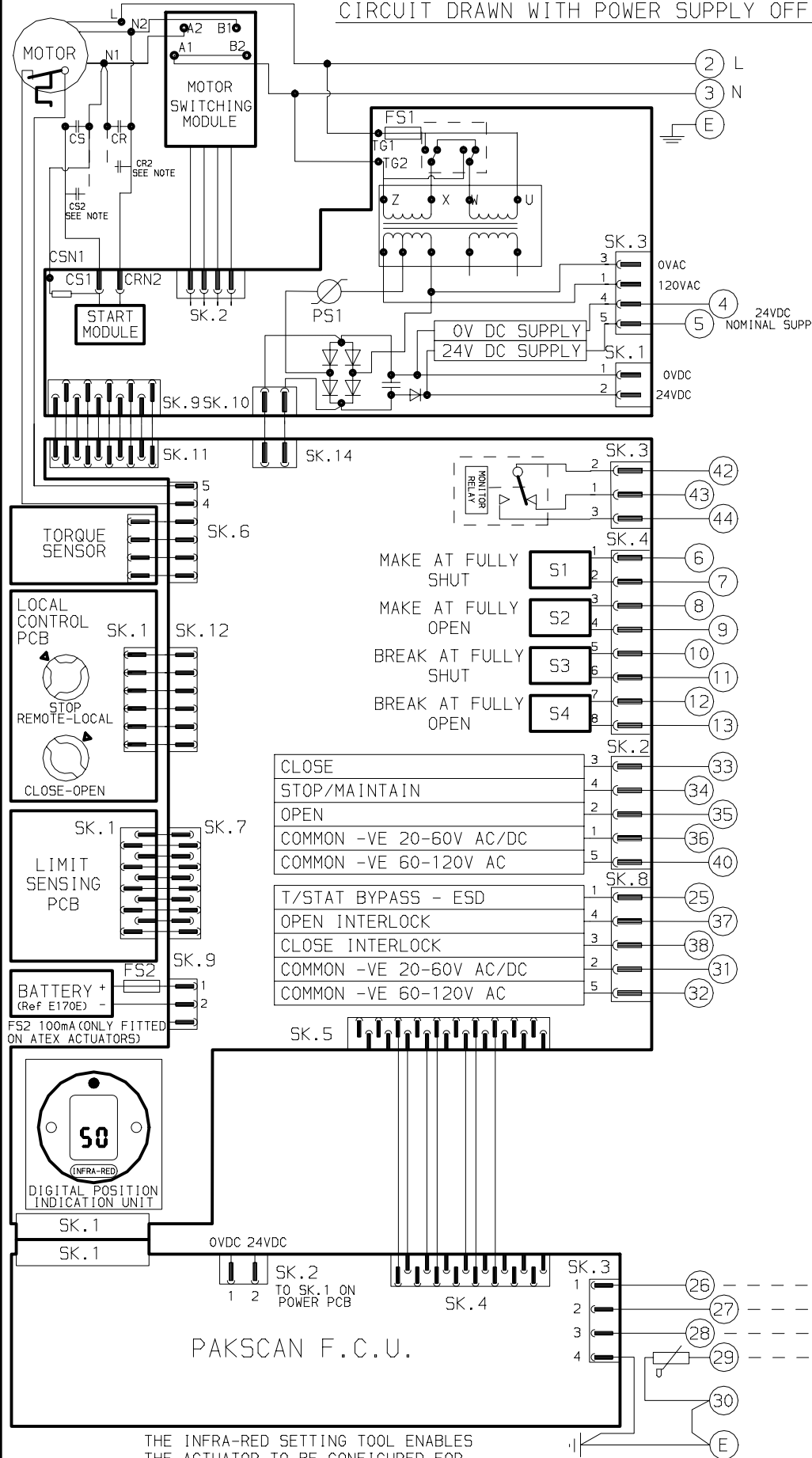
CIRCUIT DRAWN WITH POWER SUPPLY OFF

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.

NOTE

REFER TO PUBLICATION E170E FOR  
APPROVED FUSES FS1 AND FS2.

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

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.  
PAKSCAN ONLY

CARE SHOULD BE TAKEN TO ENSURE  
THAT CIRCUITS CONNECTED TO  
TERMINALS 4 OR 5 ARE NOT CONNECTED  
DIRECTLY OR INDIRECTLY TO GROUND.

INDICATION CONTACTS S1-S4 ARE SHOWN  
IN THEIR DEFAULT CONFIGURATION.  
CONTACTS MAY BE CONFIGURED FOR ANY  
OF THE FUNCTIONS DESCRIBED IN E170E

THE INFRA-RED SETTING TOOL ENABLES  
THE ACTUATOR 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

No	DATE	REVISION DETAILS
04	301004 201309	DIAGRAM RE-FORMATTED TO SEPERATE REMOTE CONTROL CIRCUITRY (See 'RWS' Ref)

**www.rotork.com**

ROTORK CONTROLS LTD BATH, BA1 3JQ ENGLAND Tel: 01225-733200	ROTORK CONTROLS INC ROCHESTER NY 14624, USA Tel: 585-328-1550
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CONFIG BY PRE  
DATE 081004  
CHECKED PJW  
BASE WD --  
JOB No --  
M.I.No .

IQ + PAKSCAN  
SINGLE PHASE

CIRCUIT DIAGRAM No -REV 102  
**3001-200-04**

B1 C1 B2 C2