

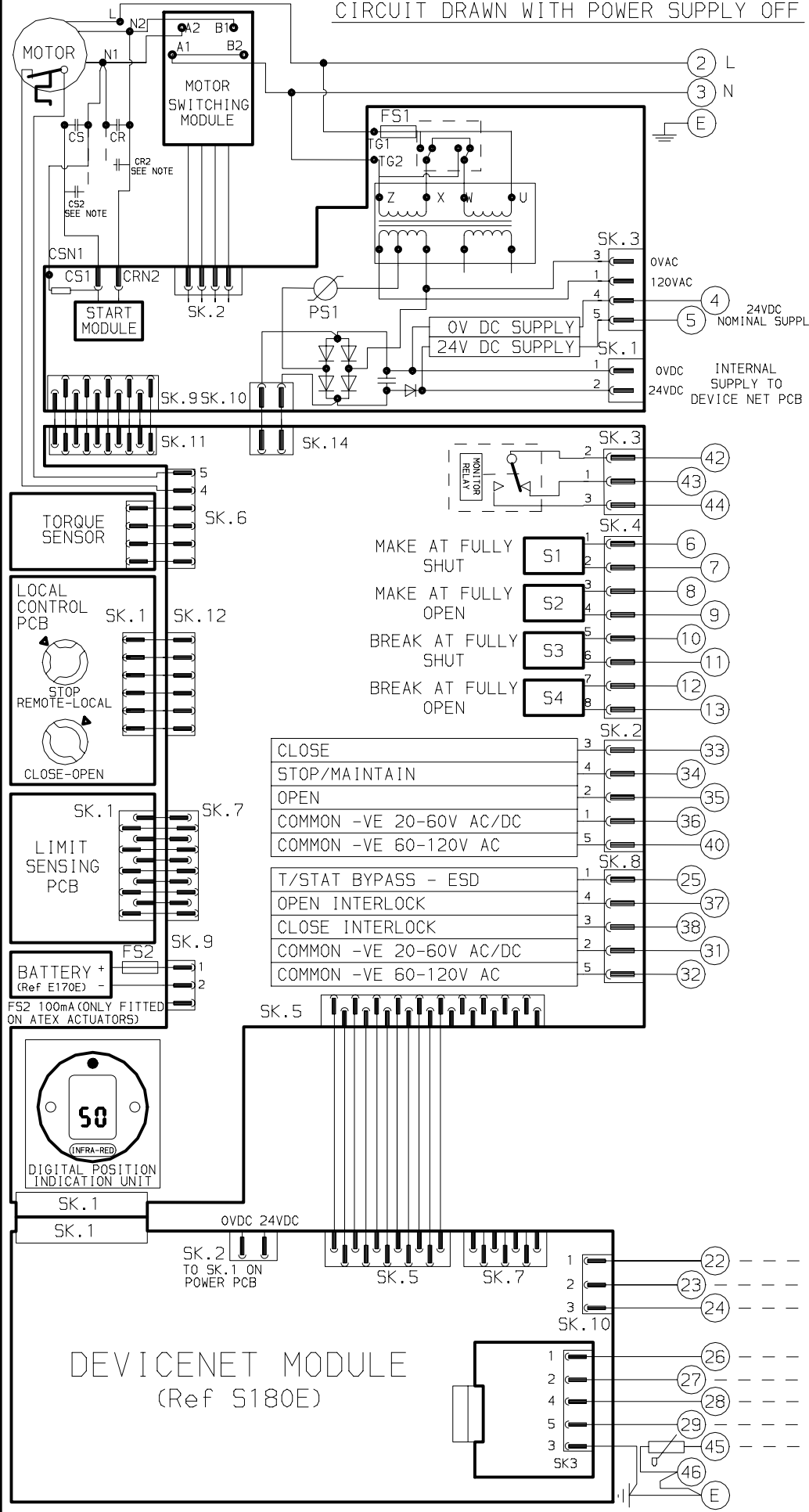
CIRCUIT DRAWN WITH POWER SUPPLY OFF

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 15 5mA ON 24V DC  
OR 12mA ON 120V AC

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'  
24 --- COMMON

26 --- +V (24VDC)  
27 --- CAN-H  
28 --- CAN-L  
29 --- CAN 0V  
45 --- SCREEN

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

No	DATE	REVISION DETAILS
02	301004	DIAGRAM RE-FORMATTED TO SEPERATE REMOTE CONTROL CIRCUITRY (See 'RWS' Ref)

**www.rotork.com**

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CONFIG BY PRE  
DATE 081004  
CHECKED PJW  
BASE WD 3001-700  
JOB No --  
M.I.No .

IQ + DEVICENET  
SINGLE PHASE

CIRCUIT DIAGRAM No -REV 102  
**3001-700-02**

B1 C1 B2 C2