

CIRCUIT DRAWN WITH POWER SUPPLY OFF

FOR TYPICAL REMOTE CONTROL  
DETAILS SEE DOCUMENT  
No RWS

TRANSFORMER TAPPING OPTIONS

TYPE 1

TAP	NOM 50/60HZ	50HZ	60HZ
W	220/230	176-242	198-259
X	380/400	304-418	342-446
Y	415/420	332-457	374-487
Z	440/460	352-484	396-517

FUSE FS1 - 250mA ANTI-SURGE

TYPE 2

TAP	NOM 50/60HZ	50HZ	60HZ
W	346/380	285-388	321-419
X	480/500	406-552	432-564
Y	240/240	192-261	216-282
Z	550/575	445-605	501-625

FUSE FS1 - 250mA ANTI-SURGE

THE ACTUATOR MUST BE PROTECTED  
USING SUITABLY RATED HIGH SPEED  
SEMI-CONDUCTOR FUSES ON THE  
INCOMING SUPPLY.

SUGGESTED FUSES:-  
IQ10-20:10 Amp Ferraz G330010  
IQ25-35:20 Amp Ferraz K330013  
or EQUIVALENT PROTECTIVE DEVICE.

ALL TRANSFORMER TYPES - PS1 SELF  
RESETTING  
FUSE

NOTE

REFER TO PUBLICATION E170E FOR  
APPROVED FUSES FS1 AND FS2.

FOR TYPICAL REMOTE CONTROL  
INDICATING, MONITORING AND ALARM  
CIRCUITS SEE PUBLICATION E420E

MAX EXTERNAL LOAD ON TERMINALS  
4 & 5 TO BE 5W.

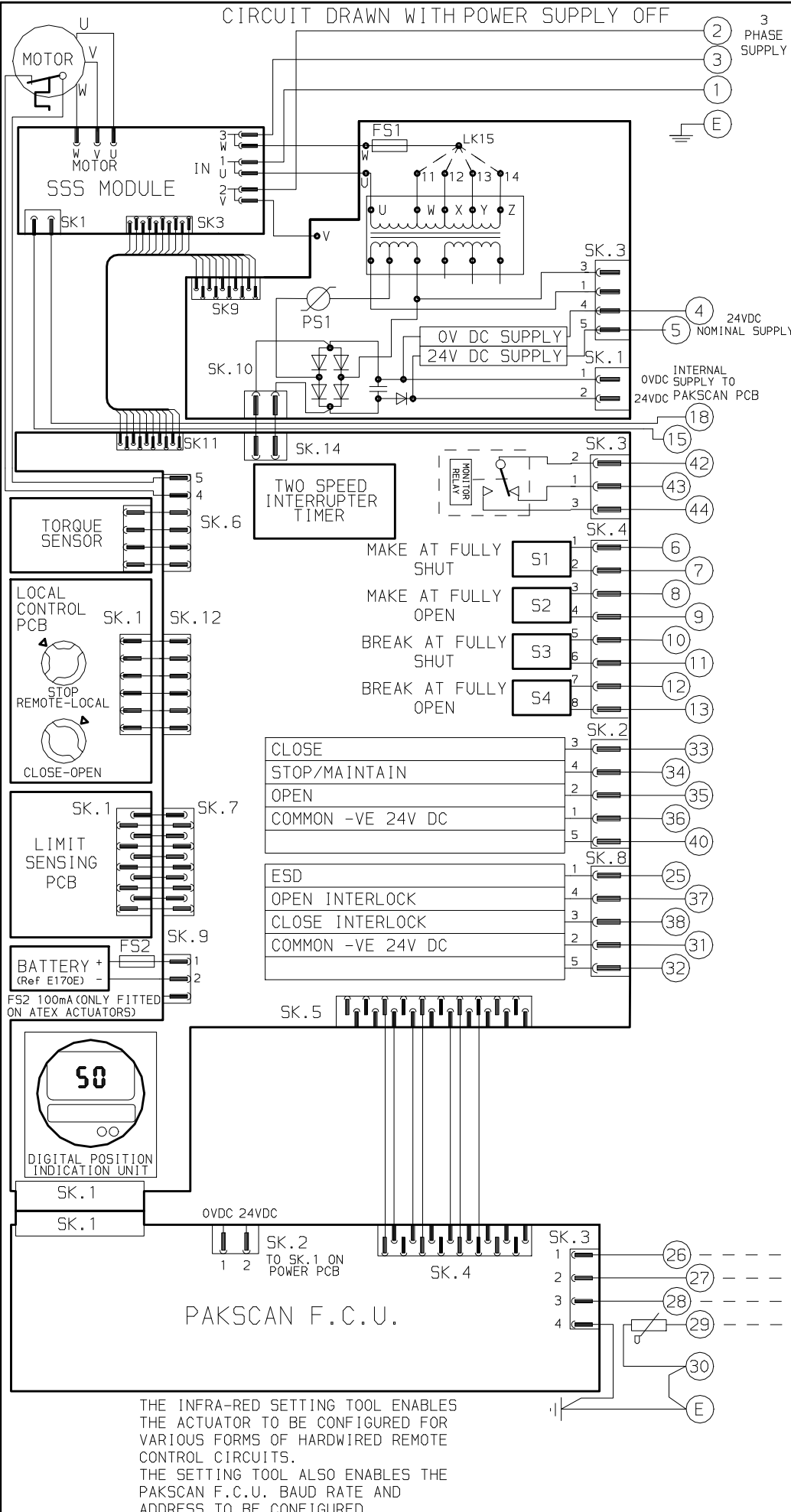
CONTROL SIGNAL THRESHOLD VOLTAGES  
TO BE MINIMUM 'ON' 20V AC/DC  
MAXIMUM 'OFF' = 3V  
MINIMUM CONTROL SIGNAL DURATION  
TO BE 100ms.

CURRENT DRAWN FROM EACH REMOTE  
CONTROL SIGNAL IS 5mA ON 24V DC  
WIRES ARE IDENTIFIED AT EACH END  
BY TERMINAL No. OR TAG No.

BRAKE ENABLE  
LINK 4 TO 15 & 5 TO 18 TO ENABLE  
BRAKE

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
01	190412 NJC	First issue. Checked: PJW

**www.rotork.com**

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

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

CONFIG BY NJC  
DATE 190412  
CHECKED PJW  
BASE WD --  
JOB No --  
M.I.No .

**IQM BASIC + PAKSCAN  
+ TWO SPEED TIMER**

CIRCUIT DIAGRAM No -REV 102  
**5000-210-01**  
B1 C1 B2 C2