

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	501-654

FUSE FS1 - 250mA ANTI-SURGE

TYPE 3

TAP	NOM 50/60HZ	50HZ	60HZ
X	660/660-690	534-726	600-726
Y	690/---	558-759	

FUSE FS1 - 150mA ANTI-SURGE

ALL TRANSFORMER TYPES - PS1 SELF
RESETTING
FUSE

NOTE

REFER TO PUBLICATION E170E FOR
APPROVED FUSES FS1 AND FS2.

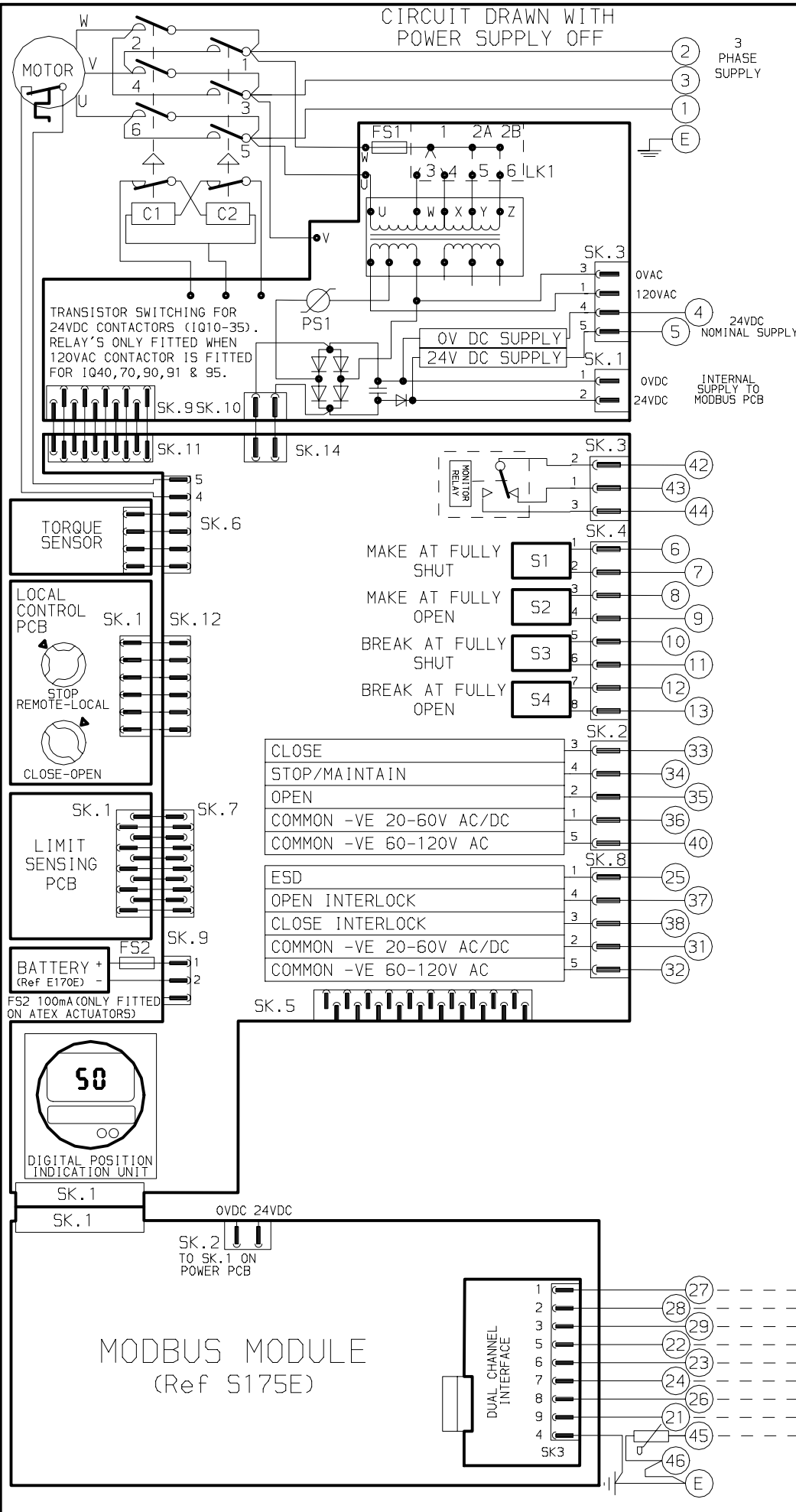
MAX EXTERNAL LOAD ON TERMINALS
4 & 5 TO BE 5W.

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.

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



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

- CLOSE SK.2
- STOP/MAINTAIN SK.4
- OPEN SK.2
- COMMON -VE 20-60V AC/DC SK.1
- COMMON -VE 60-120V AC SK.5

- ESD SK.8
- OPEN INTERLOCK SK.4
- CLOSE INTERLOCK SK.3
- COMMON -VE 20-60V AC/DC SK.2
- COMMON -VE 60-120V AC SK.5

TO USE THE TERMINATOR
CONNECT A LINK BETWEEN
TERMINATOR 1 AND 1B
TERMINATOR 2 AND 2B
BUNG CONNECTIONS.
WIRE MODBUS FIELD
CONNECTIONS AS NORMAL.

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

No 04	DATE 110507	REVISION DETAILS DUAL CHANEL MODBUS UPDATE. Checked:PJW EC2197/77	www.rotork.com	CONFIG BY PJW	IQ + DUAL MODBUS MODULE.
				DATE 040901	
			ROTORK CONTROLS LTD BATH, BA1 3JQ ENGLAND Tel:01225-733200	ROTORK CONTROLS INC ROCHESTER NY 14624, USA Tel:585-328-1550	BASE WD 3000-500 JOB No - M.I.No -