

CIRCUIT DRAWN WITH
POWER SUPPLY OFF

FOR TYPICAL REMOTE CONTROL
DETAILS SEE DOCUMENT
No RWS

VOLTAGE OPTIONS

VOLTAGE
110VDC
48VDC
24VDC

FUSE FS1 - 6A ANTI-SURGE

NOTE

DEFAULT FOR SLEEP MODE IS ENABLE TO DISSABLE SLEEP MODE CONNECT 5 TO 46 & 4 TO 47. ACTUATOR WILL REMAIN POWERED UP AT ALL TIMES WHILE SUPPLY IS PRESENT SLEEP MODE CAN ALSO BE DISABLED BY MOVING LINK LK1 FROM SOLAR TO NORM. 24VDC WILL BE LOST WHEN IN SLEEP MODE. IF CUSTOMER SUPPLY IS NEEDED TO WAKE ACTUATOR LINK LK2 MUST BE MOVED TO CUST PERM FOR MAINTAINED CUSTOMER SUPPLY.

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

REFER TO PUBLICATION E170E FOR APPROVED FUSE FS1

CONTROL SIGNAL THRESHOLD VOLTAGES TO BE MINIMUM 'ON' 20V AC/DC MAXIMUM 'OFF' = 3V MINIMUM CONTROL SIGNAL DURATION TO BE 4 SECOND.

CURRENT DRAWN FROM EACH REMOTE CONTROL SIGNAL IS 5mA ON 24V DC OR 12mA ON 120V AC

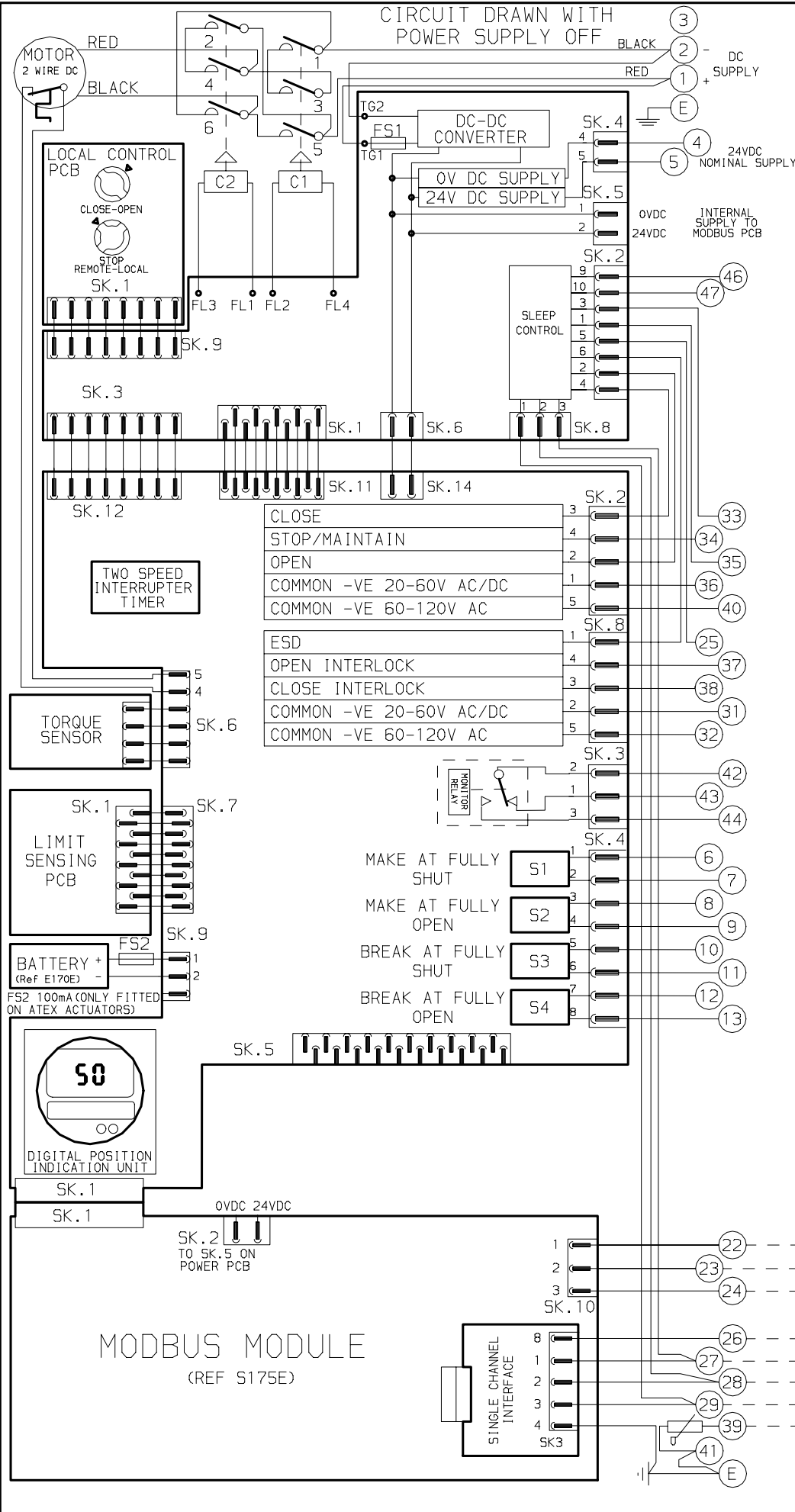
WIRES ARE IDENTIFIED AT EACH END BY TERMINAL No. OR TAG No.

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

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 - TERMINATOR TO USE THE TERMINATOR CONNECT A LINK BETWEEN 1A THE TERMINATOR AND 1B BUNG CONNECTIONS. WIRE MODBUS FIELD CONNECTIONS AS NORMAL.
27 - 1A
28 - 1B
29 - COMMON
39 - 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
01		

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CONFIG BY PJW
DATE 251109
CHECKED JC1
BASE WD 3002-410
JOB No -
M.I.No -

IQ DC + MODBUS MODULE & TWO SPEED TIMER.

CIRCUIT DIAGRAM No -REV 102
3002-410-01

B1 C1 B2 C2