

CIRCUIT DRAWN WITH
POWER SUPPLY OFF

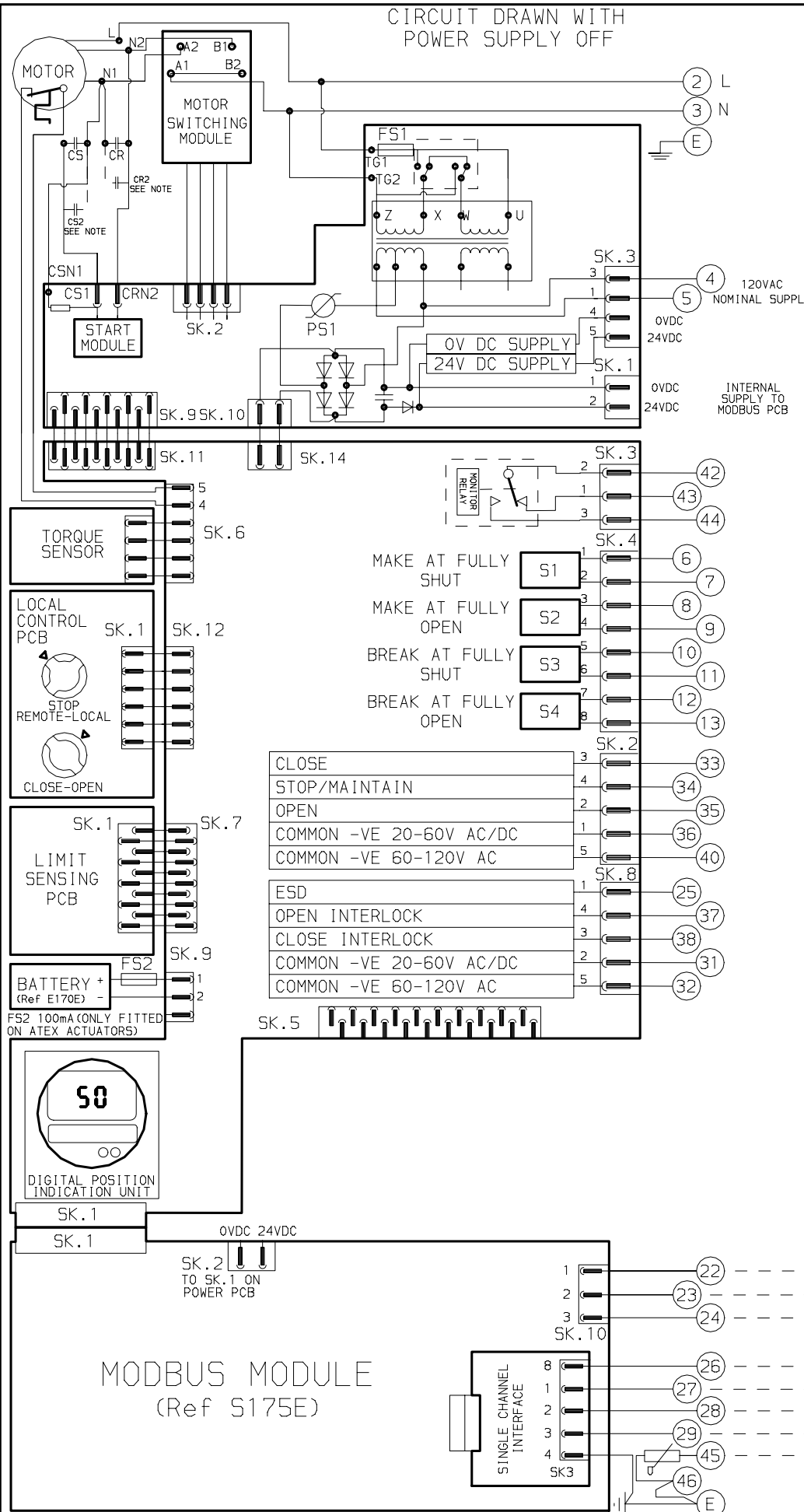
FOR TYPICAL REMOTE CONTROL
DETAILS SEE DOCUMENT
No RWS

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.
MAX EXTERNAL LOAD ON TERMINALS
4 & 5 TO BE 15VA.
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
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.
ANALOGUE I/P 'A'
ANALOGUE I/P 'B'
COMMON
TERMINATOR TO USE THE TERMINATOR
CONNECT A LINK BETWEEN
1A THE TERMINATOR AND 1B
1B BUNG CONNECTIONS.
COMMON WIRE MODBUS FIELD
SCREEN 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	DATE	REVISION DETAILS
01		

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CONFIG BY PJW
DATE 181010
CHECKED JC1
BASE WD 3001-401
JOB No -
M.I.No -

**IQ + MODBUS + 120VAC
ON 485 SINGLE PHASE.**
CIRCUIT DIAGRAM No -REV
3001-401-01
B1 C1 B2 C2