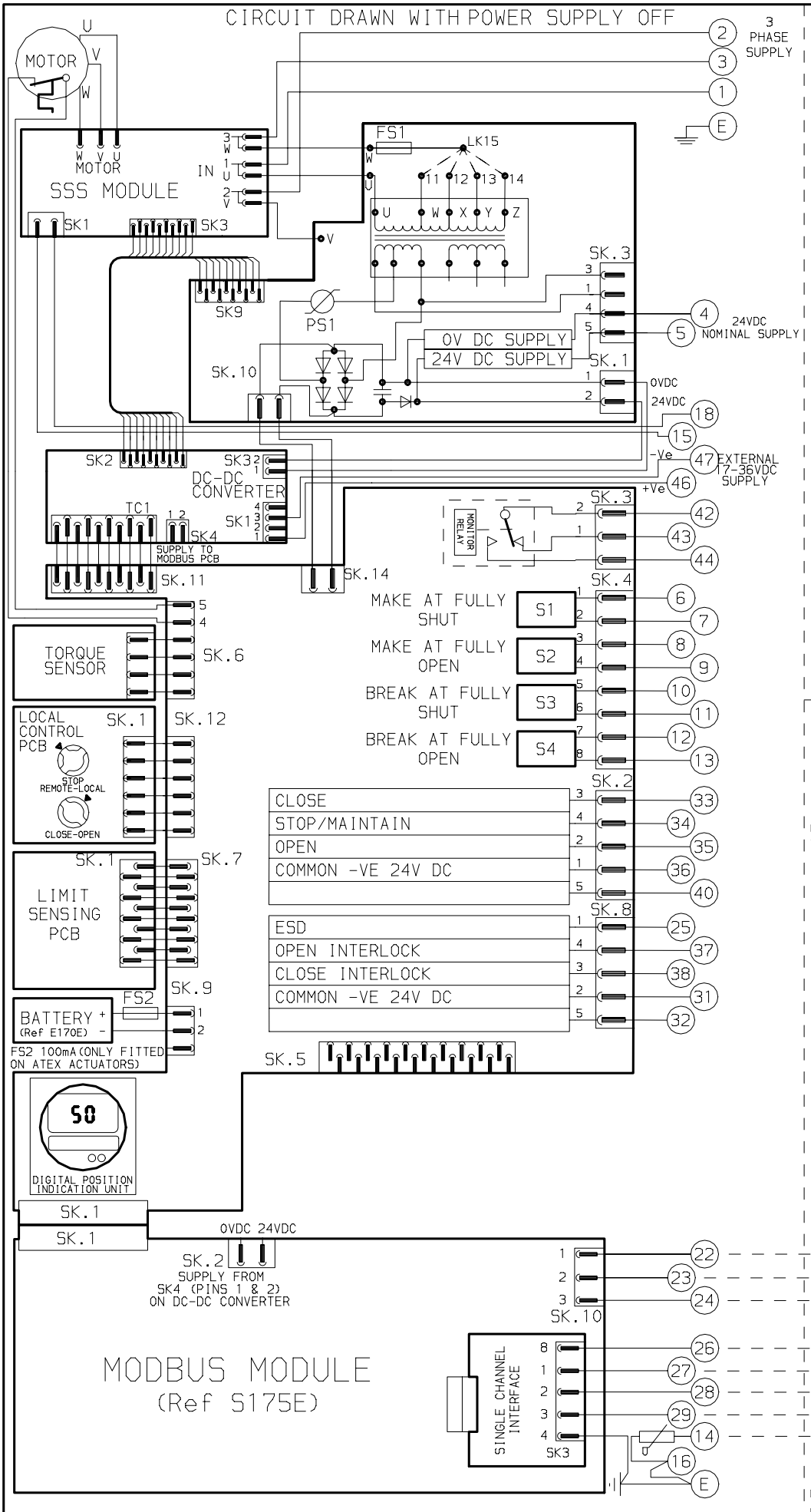

FOR TYPICAL REMOTE CONTROL DETAILS SEE DOCUMENT No RWS

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.

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

BRAKE ENABLE

LINK 4 TO 15 & 5 TO 18 TO ENABLE BRAKE

MODBUS WILL FUNCTION NORMALLY WHEN 3-PH MAINS POWER OR EXTERNAL 17-36VDC SUPPLY IS APPLIED.

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

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.

TO USE THE TERMINATOR CONNECT A LINK BETWEEN THE TERMINATOR AND 1B 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	DATE	REVISION DETAILS
03	200910 PJW	AUX POWER NOTE CHANGED CHECKED JC1

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

CONFIG BY PJW
DATE 080509
CHECKED JC1
BASE WD 5050-400
JOB No --
M.I.No .

IQM + MODBUS & AUX PWR CPT

CIRCUIT DIAGRAM No -REV
5050-400-03
B1 C1 B2 C2