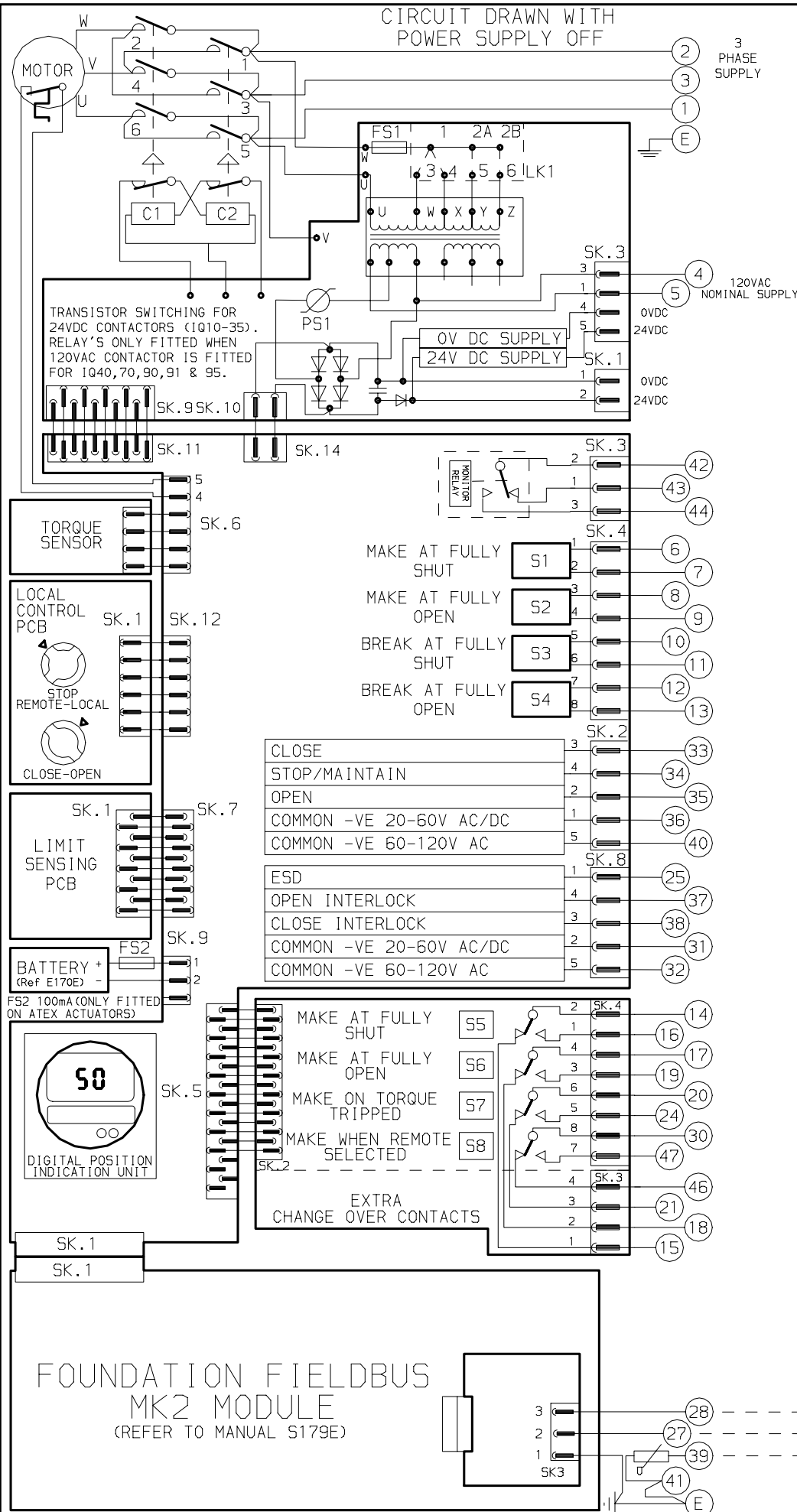


CIRCUIT DRAWN WITH
POWER SUPPLY OFF



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

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

TYPE 3

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

FUSE FS1 - 250mA ANTI-SURGE

FUSE FS1 - 250mA ANTI-SURGE

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 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

INDICATION CONTACTS S1-S4 AND EXTRA INDICATION CONTACTS S5-S8 ARE SHOWN IN THEIR DEFAULT CONFIGURATION. CONTACTS MAY BE CONFIGURED FOR ANY OF THE FUNCTIONS DESCRIBED IN E170E

28 --- FIELD CONNECTION '-'
27 --- FIELD CONNECTION '+'
39 --- SCREEN

No	DATE	REVISION DETAILS
01		

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ENGLAND
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ROTORK CONTROLS INC
ROCHESTER
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CONFIG BY PJW
DATE 291107
CHECKED JC1
BASE WD 3100-801
JOB No .
M.I.No -

IQ + IND RLY + F/BUS & 120VAC ON 4 & 5

CIRCUIT DIAGRAM No -REV
3100-801-01

B1 C1 B2 C2 B1 C1 M1 V1