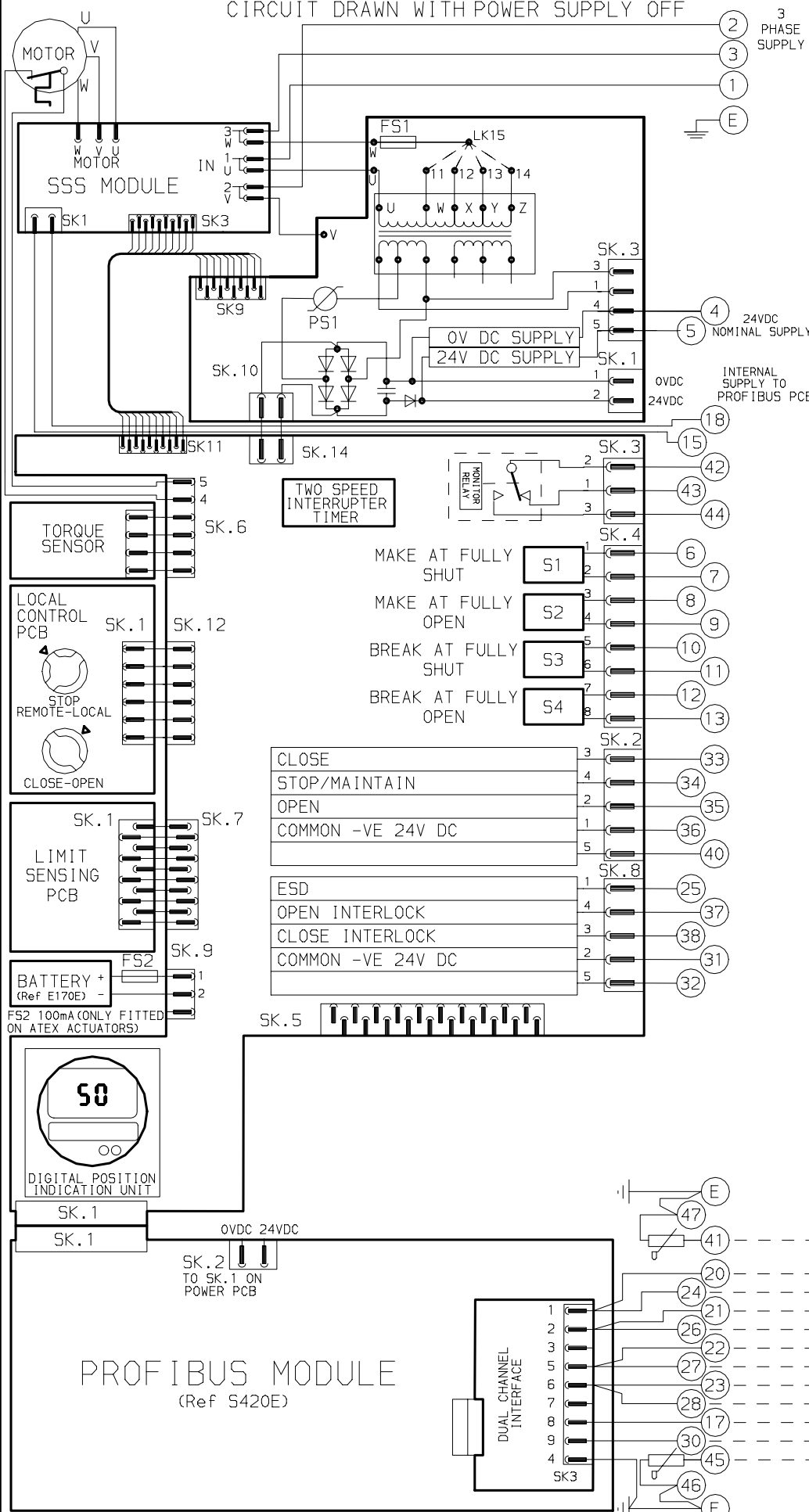


CIRCUIT DRAWN WITH POWER SUPPLY OFF



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 | 501-625 |

FUSE FS1 - 250mA ANTI-SURGE

NOTE

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

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.

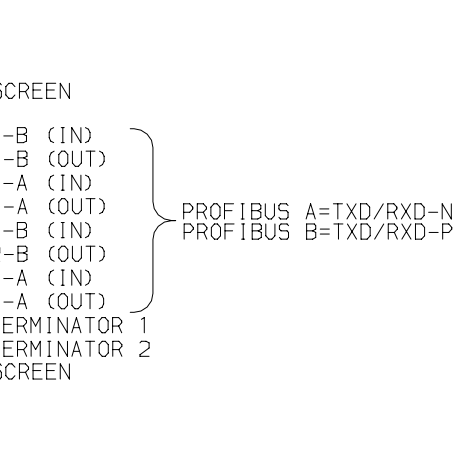
CURRENT DRAWN FROM EACH REMOTE CONTROL SIGNAL IS 5mA ON 24V DC

BRAKE ENABLE

LINK 4 TO 15 & 5 TO 18 TO ENABLE BRAKE

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

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



| No | DATE | REVISION DETAILS |
|----|---------------|---|
| 06 | 250210 PJW | SSS UPDATED TO CELDUC. Checked: JC1 EC2660/1 |

www.rotork.com

| | |
|--|--|
| ROTORK CONTROLS LTD BATH, BA1 3JQ ENGLAND Tel: 01225-733200 | ROTORK CONTROLS INC ROCHESTER NY 14624, USA Tel: 585-328-1550 |
|--|--|

CONFIG BY PJW
DATE 011101
CHECKED DA
BASE WD --
JOB No -
M.I.No -

IQ SSS + PROFIBUS & TIMER

CIRCUIT DIAGRAM No -REV 102
5000-610-06

B1 C1 B2 C2