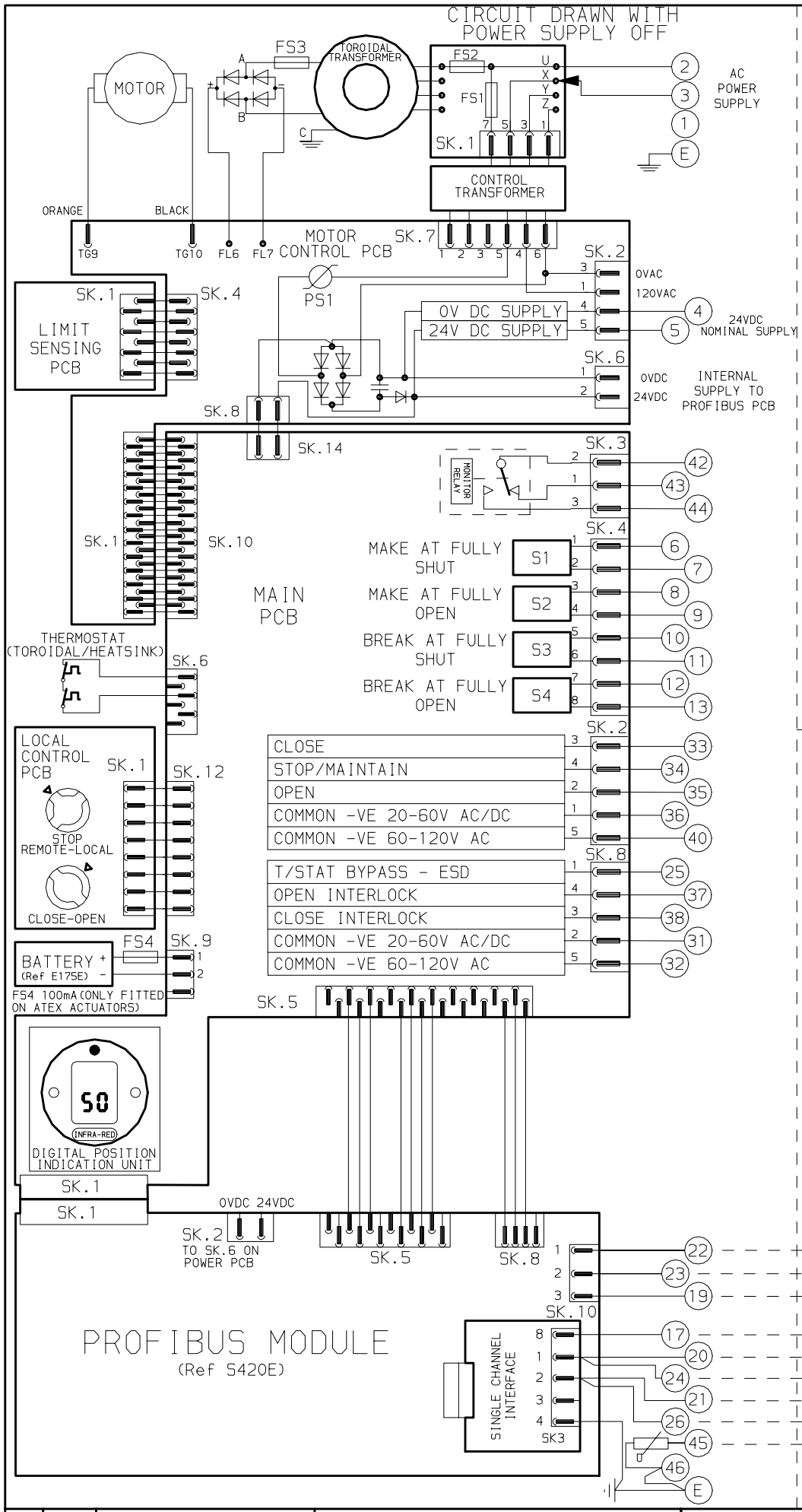


FOR TYPICAL REMOTE CONTROL DETAILS SEE DOCUMENT No RWS

TRANSFORMER TAPPING OPTIONS

TYPE 1

TAP	NOM	RANGE
X	100	80-120
Y	110	88-132
Z	120	96-144
FS1-250mA A/S FS2-5A A/S		

TYPE 2

TAP	NOM	RANGE
X	200	160-240
Y	230	184-276
Z	270	216-324
FS1-150mA A/S FS2-2.5A A/S		

TYPE 3

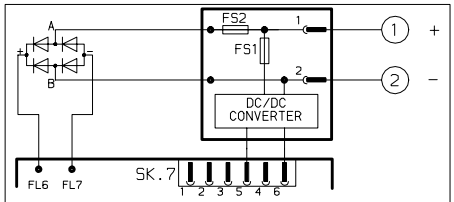
TAP	NOM	RANGE
X	380	304-456
Y	400	320-480
Z	415	332-498
FS1-100mA A/S FS2-1.5A A/S		

TYPE 4

TAP	NOM	RANGE
X	480	384-576
Y	575	460-690
Z	690	552-828
FS1-50mA A/S FS2-1.6A F/A		

TRANSFORMER TYPES 1,2,3 & 4 - FUSE FS3 - 20A ATO FAST ACTING

TYPE 5 24VDC



FUSE FS1 - 500mA ANTI-SURGE
FUSE FS2 - 20A ATO FAST ACTING

ALL TRANSFORMER TYPES - PS1 SELF RESETTING FUSE

NOTE

REFER TO PUBLICATION E175E FOR APPROVED FUSES FS1, FS2 AND FS3.

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 300mS.

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

INDICATION CONTACTS S1-S4 ARE SHOWN IN THEIR DEFAULT CONFIGURATION. CONTACTS MAY BE CONFIGURED FOR ANY OF THE FUNCTIONS DESCRIBED IN E175E

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.

No	DATE	REVISION DETAILS
01	080604 PJW	NEW PROFIBUS OPTION CHECKED SP EC1600

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 080604
CHECKED TH
BASE WD 6000-900
JOB No -
M.I.No -

IQT + SINGLE CHANNEL PROFIBUS.

CIRCUIT DIAGRAM No -REV IQT
6000-900-01
B1 C1 B2 C2