

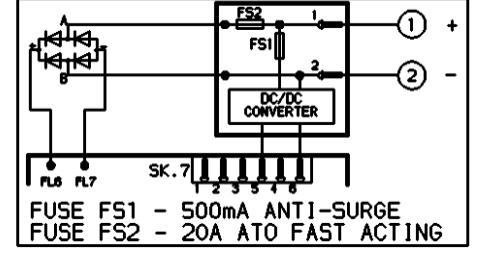
FOR TYPICAL REMOTE CONTROL
DETAILS SEE DOCUMENT
No RWS

TRANSFORMER TAPPING OPTIONS

| TYPE 1 | | | TYPE 2 | | |
|-----------------------------|-----|--------|-------------------------------|-----|---------|
| TAP | NOM | RANGE | TAP | NOM | RANGE |
| X | 100 | 80-120 | X | 200 | 160-240 |
| Y | 110 | 88-132 | Y | 230 | 184-276 |
| Z | 120 | 96-144 | Z | 270 | 216-324 |
| F51-250mA A/S F52-5A A/S | | | F51-150mA A/S F52-2.5A A/S | | |

| TYPE 3 | | | TYPE 4 | | |
|-------------------------------|-----|---------|------------------------------|-----|---------|
| TAP | NOM | RANGE | TAP | NOM | RANGE |
| X | 380 | 304-456 | X | 480 | 384-576 |
| Y | 400 | 320-480 | Y | 575 | 460-690 |
| Z | 415 | 332-498 | Z | 690 | 552-828 |
| F51-100mA A/S F52-1.5A A/S | | | F51-50mA A/S F52-1.6A F/A | | |

TRANSFORMER TYPES 1, 2, 3 & 4 -
FUSE F53 - 20A ATO FAST ACTING
TYPE 5 24VDC



ALL TRANSFORMER TYPES -
PS1 SELF-RESETTING FUSE

NOTE
REFER TO PUBLICATION E175E FOR
APPROVED FUSES F51, F52 AND F53.

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

WIRES ARE IDENTIFIED AT EACH END
BY TERMINAL No. OR TAG No.

FOR TYPICAL REMOTE CONTROL
INDICATING, MONITORING AND ALARM
CIRCUITS SEE PUBLICATION E120E

FIELD CONNECTION '-'
FIELD CONNECTION '+'
SCREEN

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

| No | DATE | REVISION DETAILS |
|----|--------|-----------------------------------|
| 04 | 010307 | IQPRO FIELDBUS UPDATE E02187/4 |

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 040803
CHECKED TH
BASE WD 6000-800
JOB No -
M.I.No -

**IQT + FOUNDATION
FIELDBUS**

CIRCUIT DIAGRAM No -REV
6000-800-04

B1 C1 B2 C2