

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 |
| FS1-250mA A/S<br>FS2-5A A/S |     |        | FS1-150mA A/S<br>FS2-2.5A 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 |
| FS1-100mA A/S<br>FS2-1.5A A/S |     |         | FS1-50mA A/S<br>FS2-1.6A F/A |     |         |

ALL TRANSFORMER TYPES - FUSE FS3 - 20A ATO FAST ACTING PS1 SELF RESETTING FUSE

FAILSAFE OPERATION - ON LOSS OF 3-PHASE, CUSTOMER SUPPLY ON 4 & 5 IS ALSO LOST. THE LOSS OF CUSTOMER SUPPLY MUST BE USED AS THE FAILSAFE TRIGGER. TERMINAL 15 MUST ONLY BE USED WHEN AN INTERNAL FAILSAFE BATTERY PACK IS FITTED. THE 24VDC EXTERNAL SUPPLY FOR FAILSAFE OPERATION MUST BE APPLIED TO TERMINALS 21 & 14. REMOTE INPUTS MUST ALSO USE THIS SUPPLY. ACTUATOR ESD ACTION(A1) DEFAULT STAY PUT ESD CONTACT(A2) DEFAULT N/O MAKE FOR ESD

**NOTE**

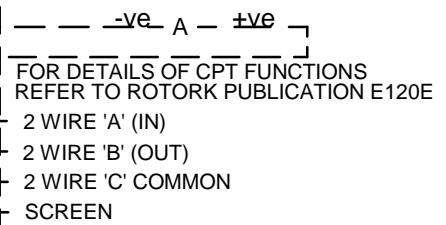
REFER TO PUBLICATION E175E FOR APPROVED FUSES FS1, FS2 AND FS3.

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

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



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

THE INFRA-RED SETTING TOOL ENABLES THE ACTUATOR TO BE CONFIGURED FOR VARIOUS FORMS OF HARDWIRED REMOTE CONTROL CIRCUITS. THE SETTING TOOL ALSO ENABLES THE PAKSCAN F.C.U. BAUD RATE AND ADDRESS TO BE CONFIGURED.

| Iss | Date   | Chkd | Revision Details             |
|-----|--------|------|------------------------------|
| 1   | 170518 | JC1  | xx + converted to SE format. |

**www.rotork.com**

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IQT + PAKSCAN + CPT & EXTERNAL FAILSAFE

Drawn by: PJW  
Date : 170518  
Base WD: 6018-200  
Job No : -  
MI No : -

Circuit Diagram No  
**6018-200**  
Issue No  
**1**

B1C1 B2C2