

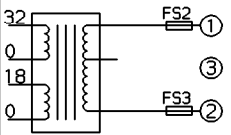
CIRCUIT IS DRAWN FOR A VALVE IN THE FULLY CLOSED POSITION

CIRCUIT DIAGRAM No - REV

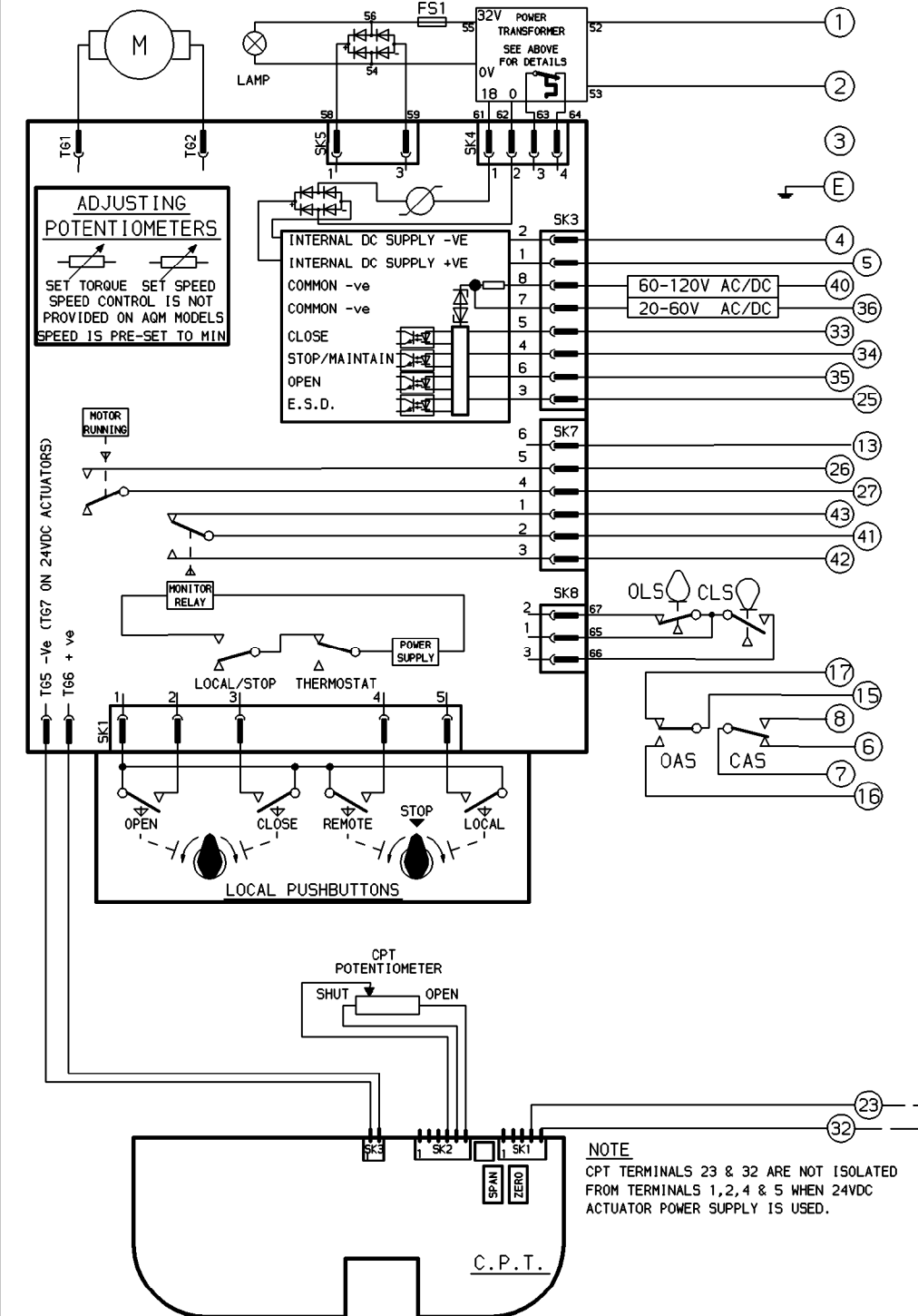
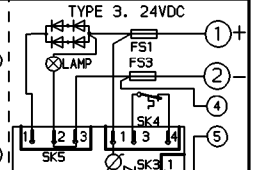
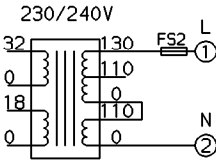
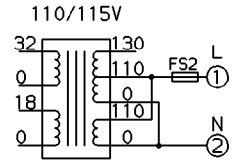
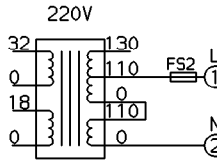
TYPE 1a. 380/415V 3 PHASE  
 TYPE 1b. 460/500V 3 PHASE  
 TYPE 1c. 575/660V 3 PHASE  
 FOR 220V 3 PHASE SUPPLIES  
 TYPE 2 TRANSFORMER IS USED  
 WITH FS3 FITTED

INTERNAL CONNECTIONS TO POWER TRANSFORMER

TYPE 2. SINGLE PHASE



FOR SINGLE PHASE SUPPLIES WITHOUT A NEUTRAL, CONNECT SUPPLY L1 & L2 TO TERMINALS 1 & 2.



OLS - OPEN LIMIT SWITCH  
 CLS - CLOSE LIMIT SWITCH  
 OAS - OPEN AUXILIARY SWITCH  
 CAS - CLOSE AUXILIARY SWITCH

MAX EXTERNAL LOAD ON TERMINALS 4 & 5 TO BE 4VA AT 20°C.

FS1 90mm LONG MOTOR 10A  
 120mm LONG MOTOR 25A

FS2 7.5A QUICK BLOW

FS3 A.C.SUPPLIES 7.5A QUICK BLOW  
 24V D.C.SUPPLY -  
 90mm LONG MOTOR 10A  
 120mm LONG MOTOR 25A

SWITCH	TERM.No.	OPEN	INTERMEDIATE	SHUT
OLS	-			
CLS	-			
OAS	15-16 15-17			
CAS	7-8 7-6			

■ SWITCH MADE

FOR TYPICAL REMOTE CONTROL, INDICATING, MONITORING & ALARM CIRCUITS SEE PUBLICATION AQ4/5

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

NOTE  
 CPT TERMINALS 23 & 32 ARE NOT ISOLATED FROM TERMINALS 1, 2, 4 & 5 WHEN 24VDC ACTUATOR POWER SUPPLY IS USED.

CONTROL SIGNAL THRESHOLD VOLTAGES  
 MAXIMUM 'OFF' 3V.  
 MINIMUM CONTROL SIGNAL 300mS.  
 E.S.D. CONTROL SIGNAL VOLTAGE MUST BE EQUAL TO OR GREATER THAN ALL OTHER CONTROL SIGNAL VOLTAGES.

No <b>04</b>	DATE 040998 P.J.W	REVISION ESD MONITOR FUNCTION REMOVED CHECKED K.S
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**rotork**

ROTORK CONTROLS LTD  
 BATH ENGLAND, BA1 3JQ.  
 (Phone 01225-733200)

ROTORK CONTROLS INC  
 ROCHESTER, NY 14624.  
 tel (716) 328-1550

DRAWN BY P5  
 DATE 161090  
 CHECKED 60

SIMILAR TO QP12P60  
 JOB No -  
 M.I.No .

AQ MK2 + POT. + CPT

CIRCUIT DIAGRAM No -REV

**QP12P60-04**