

CIRCUIT IS DRAWN FOR A VALVE IN THE FULLY CLOSED POSITION

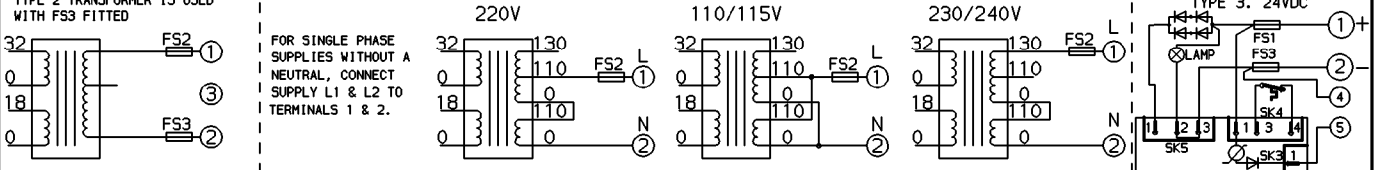
CIRCUIT DIAGRAM No - REV

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

QP24P90-03

TYPE 2. SINGLE PHASE



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

OAS - OPEN AUXILIARY SWITCH  
 CAS - CLOSE AUXILIARY SWITCH

- 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
OAS	15-16 15-17			
CAS	7-8 7-6			

■ SWITCH MADE

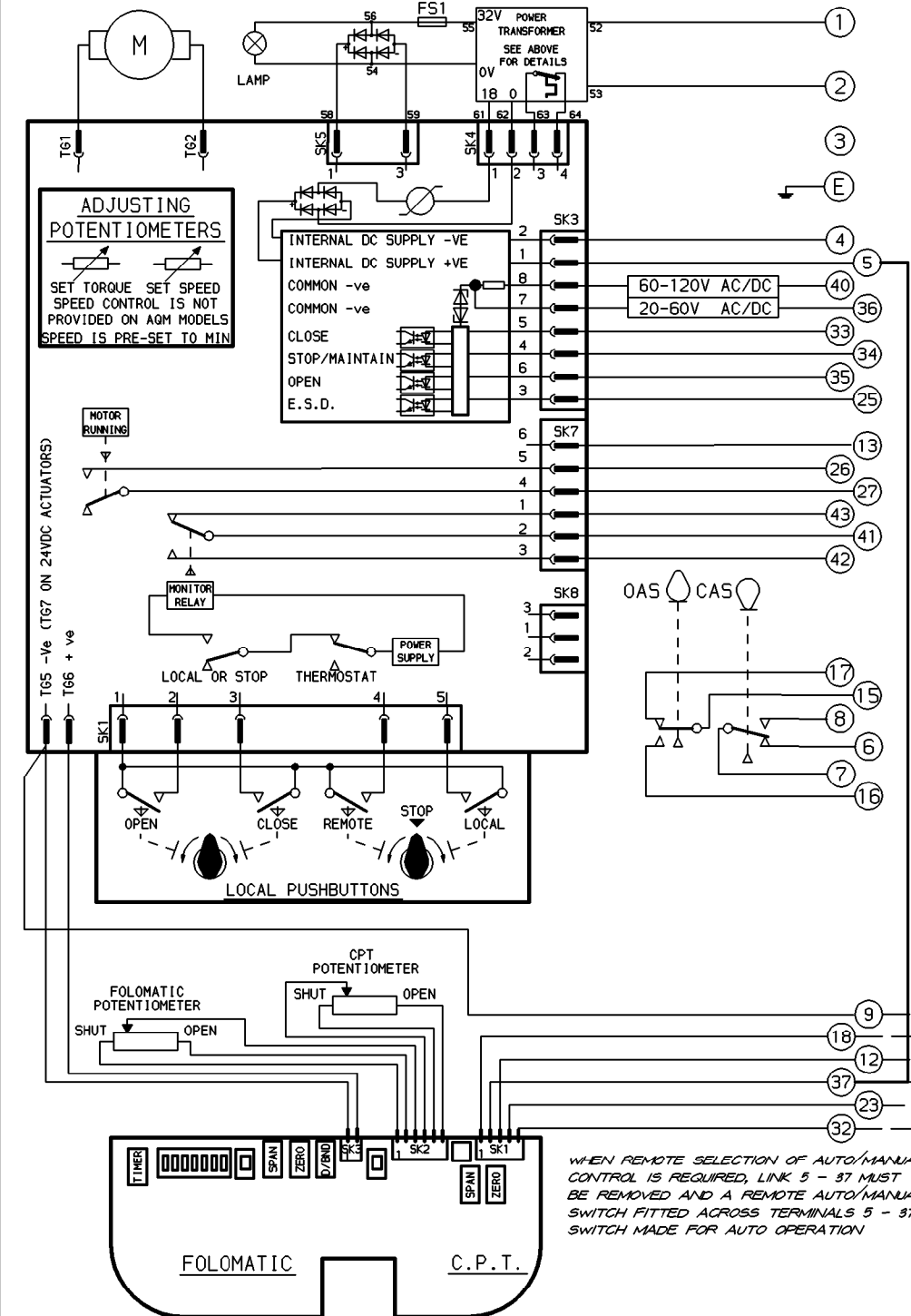
FOR TYPICAL REMOTE CONTROL, INDICATING, MONITORING & ALARM CIRCUITS SEE PUBLICATION AQ4/5

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

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.



**ADJUSTING POTENTIOMETERS**  
 SET TORQUE SET SPEED  
 SPEED CONTROL IS NOT PROVIDED ON AQM MODELS  
 SPEED IS PRE-SET TO MIN

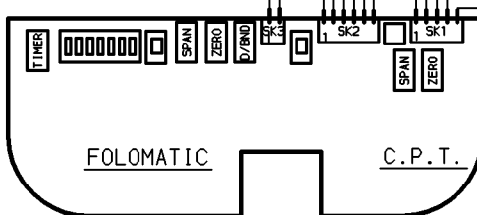
**MOTOR RUNNING**

T65 -ve (T67 ON 24VDC ACTUATORS)

T66 +ve

LOCAL PUSHBUTTONS

FOLOMATIC POTENTIOMETER  
 SHUT OPEN  
 CPT POTENTIOMETER  
 SHUT OPEN



WHEN REMOTE SELECTION OF AUTO/MANUAL CONTROL IS REQUIRED, LINK 5 - 37 MUST BE REMOVED AND A REMOTE AUTO/MANUAL SWITCH FITTED ACROSS TERMINALS 5 - 37 SWITCH MADE FOR AUTO OPERATION

No <b>03</b>	DATE 140294 P.J.W	REVISION SIMILAR TO QP24P90 JOB No - - - - AUTO/MANUAL MOD P2269 CHECKED K.S. 210993		ROTORK CONTROLS LTD BATH ENGLAND, BA1 3JQ. tel (0225) 428451	DRAWN DATE K.S 250391	AQ MK2+2 POTS+CPT+FOLO - CIRCUIT DIAGRAM No -REV <b>QP24P90-03</b>
		AUTO/MANUAL MOD P2269 CHECKED K.S. 210993		ROTORK CONTROLS INC ROCHESTER, NY 14624. tel (716) 328-1550	CHECKED DATE T.A 250391	