

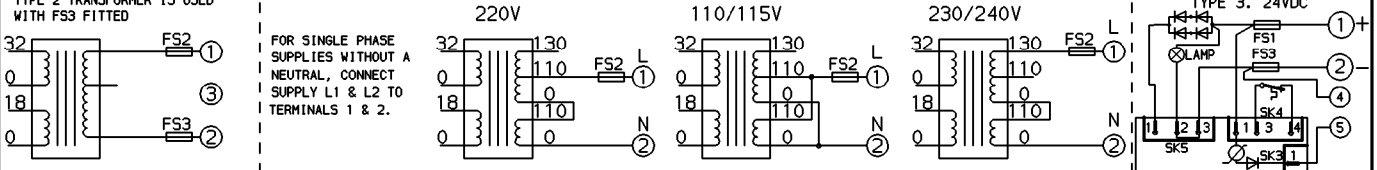
CIRCUIT IS DRAWN FOR A VALVE IN THE FULLY CLOSED POSITION

CIRCUIT DIAGRAM No - REV

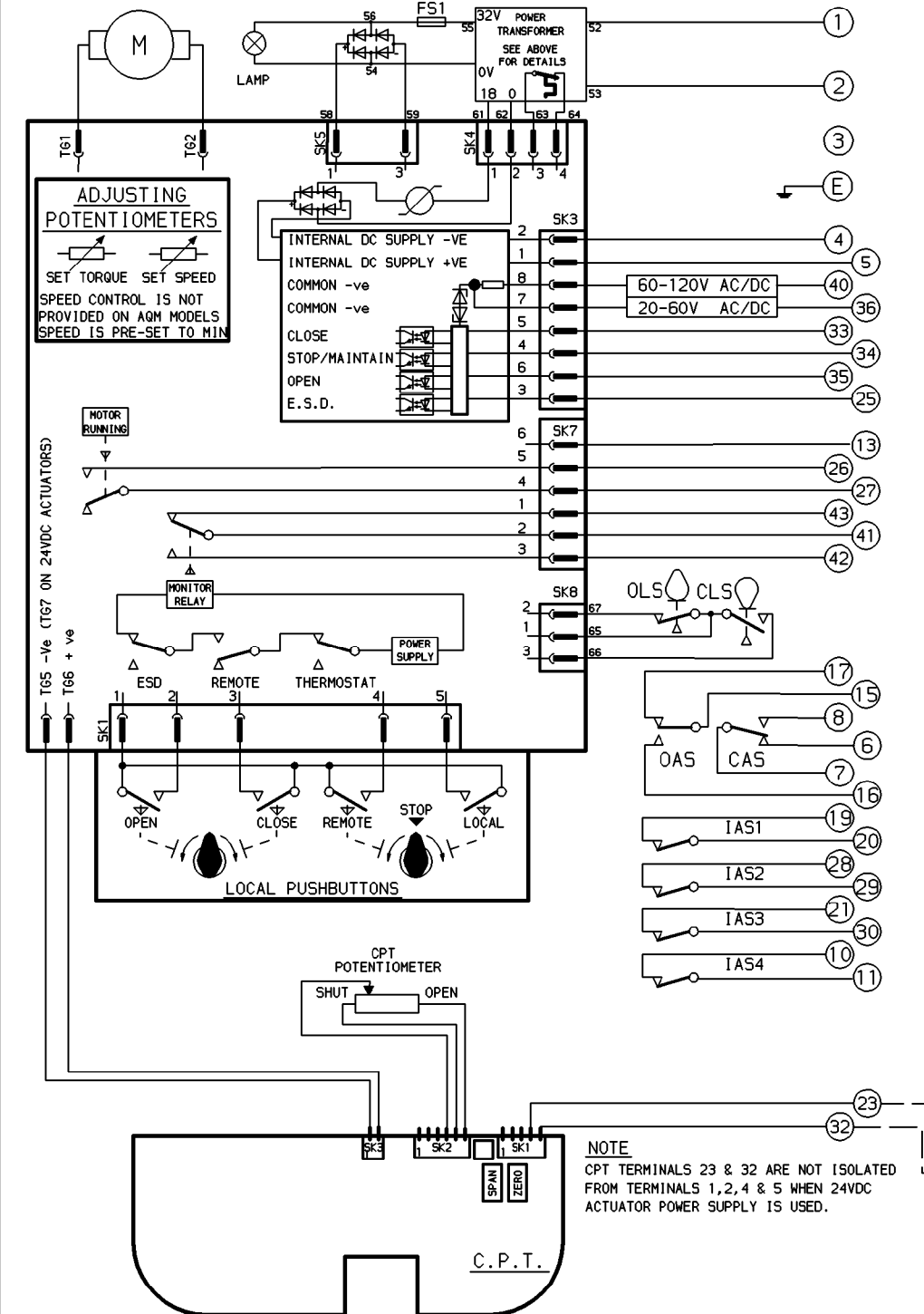
TYPE 1a. 380/415V 3 PHASE
 TYPE 1b. 460/500V 3 PHASE
 TYPE 1c. 575/660V 3 PHASE
 FOR 220V 3 PHASE SUPPLIES
 TYPE 2 TRANSFORMER IS USED
 WITH FS3 FITTED

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	DATE	REVISION
01	121190	SIMILAR TO QP11P60 JOB No ---
02	310192 T.W	CPT NOTE ADDED. CHECKED K.S.
03	190893 T.W	MODULATING UNITS NOTES ADDED. CHECKED K.S.

rotork

ROTORK CONTROLS LTD
 BATH ENGLAND, BA1 3JQ.
 tel (0225) 428451

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

DRAWN	T.A
DATE	121190
CHECKED	K.S
DATE	121190

AQ MK2 + POT.+ CPT
 + 4 INT.SW

CIRCUIT DIAGRAM No -REV

QP11P60-03