

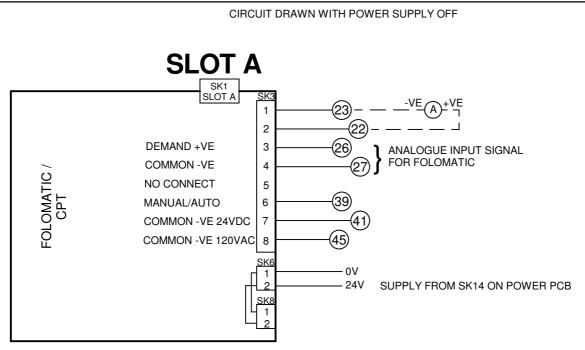
FOR TYPICAL REMOTE CONTROL DETAILS, SEE DOCUMENT RWS104

TRANSFORMER TAPPING OPTIONS					
Тар	Nominal 50/60Hz				
TYPE 1					
W	220/230				
Х	380/400				
Y	400,415/420				
Z	440/460				
FUSE FS 1=250mA ANTI-SURGE TYPE 2					
Х					
Y					
Z					
FUSE FS1=250mA ANTI-SURGE					

REFER TO SHEET 2 FOR NOTES & OPTION PCB'S IF FITTED

THE ACTUATOR MUST BE PROTECTED USING SUITABLY RATED HIGH SPEED SEMI-CONDUCTOR FUSES ON THE INCOMING SUPPLY. SUGGESTED FUSES :-IQM10-20:10 Amp FERRAZ G330010 IQM25-35:20 Amp FERRAZ K330013 ALTERNATIVES = IQM10-20:10 Amp SIBA 50-179-06/10A IQM25-35:20 Amp SIBA 50-179-06/20A OR EQUIVALENT PROTECTIVE DEVICE.

SS	Date	Chkd	Revision Details	www. rot	nrk	IQM + FOLOMA	ATIC & CPT + NEGATIVE SWI	тсн	ING
1	300713	PJW	First Issue.	www. IU Y	ULT.com	REMOTES			
2	230614		400v added to type 1 tapping Y. Note added to sheet 2 note 1.	ROTORK CONTROLS LTD	ROTORK CONTROLS INC	Drawn by: JC1	Circuit Diagram Number	Issue	Sheet
3	130616			BATH, BA1 3JQ	ROCHESTER	Date : 300713 Base WD: 203B0100		No	1
4	230519	PJW	Terminal 4 & 5 corrected	ENGLAND	NY 14624, USA	Job No :	20300100	4	of 2
				Tel:01225-733200	Tel:585-247-2304	MI No :	B1C1B2C2		012



FOR MANUAL/AUTO CONNECTIONS AND DETAILS OF FOLOMATIC/CPT FUNCTIONS REFER TO ROTORK PUBLICATION PUB002-041

NOTES 1.FUSES:

-PS1 is a self-resetting fuse.

-Refer to publication PUB002-039 for approved fuses FS1 and FS2. -Actuator rated voltage specified on nameplate. Voltage tolerance +/-10%, applies for rated torque performance; duty cycle is not guaranteed. 2.REMOTE CONTROL:

-For typical remote control circuits refer to:

-RWS indicated or PUB002-041.

- -For DC and AC control, connect -ve/0V to terminal 36.
- -(For negative switch / positive common, refer to RWS indicated).
- -Control signal threshold voltages:

-DC: "on" ≥16Vdc / "off" ≤8Vdc, max 60Vdc.

-Control signal duration to be 100ms minimum.

-Maximum current drawn from remote control signals is: -8mA at 24Vdc

-Supply provided on terminals 4 & 5:

-Intended for remote control.

-Max external load 5W at 24Vdc

3.INDICATION:

-For typical position, status and alarm indication see PUB002-041. -"S" contacts are user configurable and are shown in their default setting.

-Refer to PUB002-040 for functions and configuration instructions. -Monitor Relay indicates actuator availability for remote control (shown "unavailable"). It can be configured to exclude local/remote selection. -Refer to PUB002-040 for monitored functions and configuration instructions.

-Voltage applied to indication contacts must not exceed 150Vac -Individual Switch current must not exceed 3.5A inductive, 5A resistive and no more than 8A in total for all 4 contacts.

4.BATTERY:

-Battery maintains local and remote "S" contact indication only. -Refer to installation manual for approved replacement battery types.

> lssue No Circuit Diagram Number 2 4 203B0100

See Sheet 1 for all Revision details/information

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