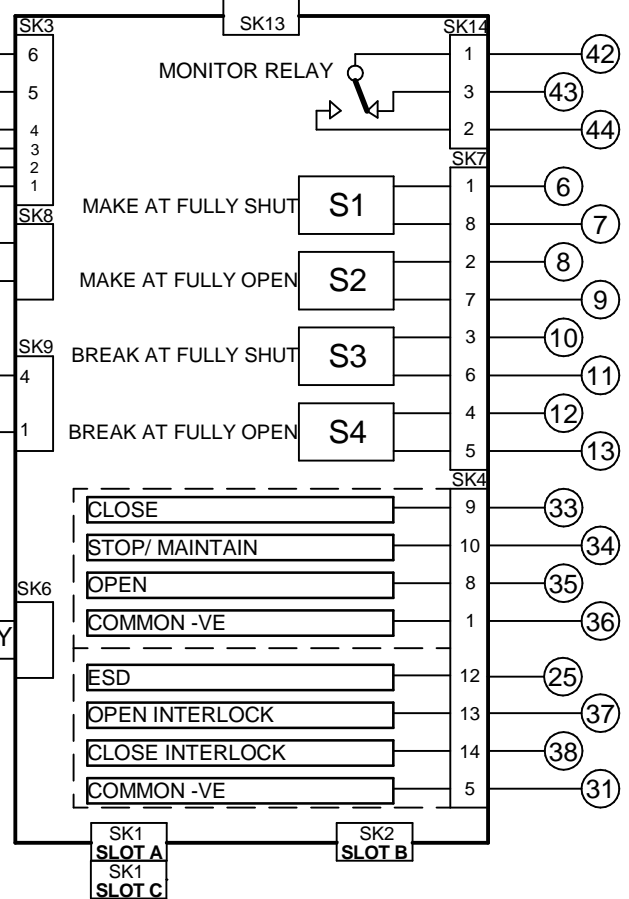
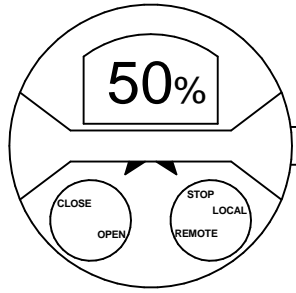


FOR TYPICAL REMOTE CONTROL DETAILS, SEE DOCUMENT **RWS122**

TRANSFORMER TAPPING OPTIONS	
Tap	Nominal 50/60Hz
TYPE 1	
W	220/230
X	380/400
Y	400,415/420
Z	440/460
FUSE FS 1=250mA ANTI-SURGE	
TYPE 2	
W	346/380
X	480/500
Y	240/240
Z	550/575
FUSE FS 1=250mA ANTI-SURGE	
TYPE 3	
X	660/660-690
Y	690/-
FUSE FS 1=150mA ANTI-SURGE	

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



Iss	Date	Chkd	Revision Details
1	090524	JC1	First Issue

www.rotork.com

ROTORK CONTROLS LTD
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Tel:01225-733200

ROTORK CONTROLS INC
ROCHESTER
NY 14624, USA
Tel:585-247-2304

IQ + DUAL CHANNEL MODBUS MODULE + FOLOMATIC / CPT & EXTRA RELAYS S5-S8

Drawn by: PJW
Date : 090524
Base WD: 103M3010
Job No : --
MI No : --

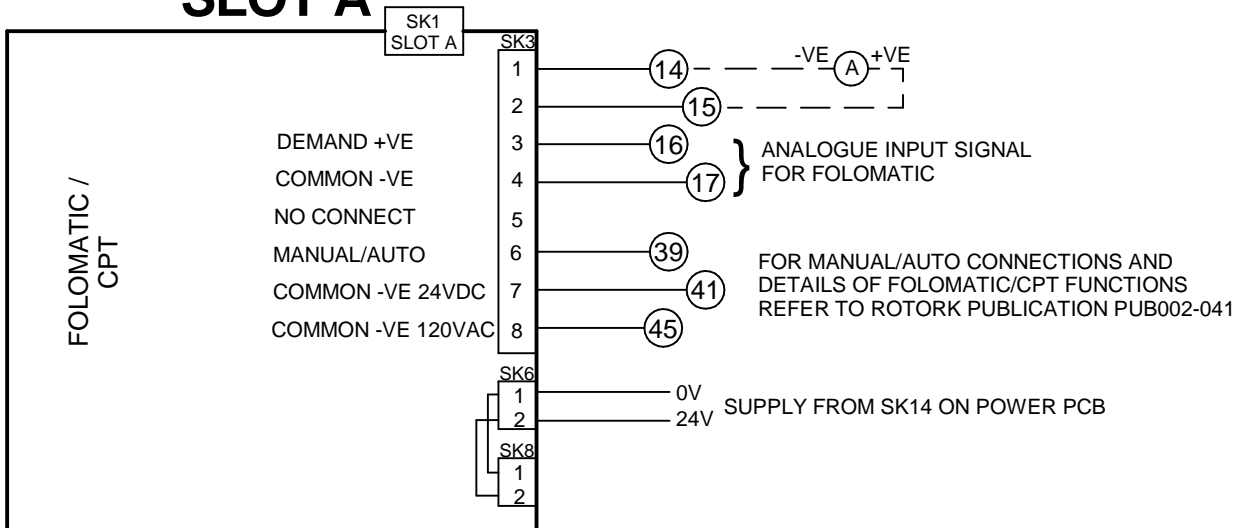
Circuit Diagram Number
103M3010

Issue No
1

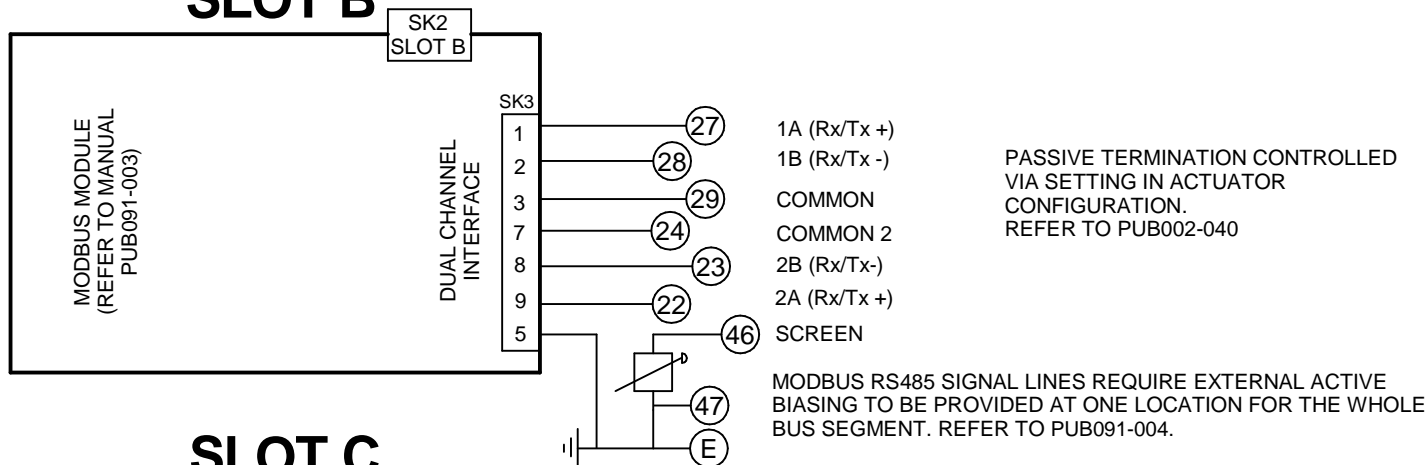
Sheet
1 of 2

B1|C1|B2|C2|B1|C1|M1|V1

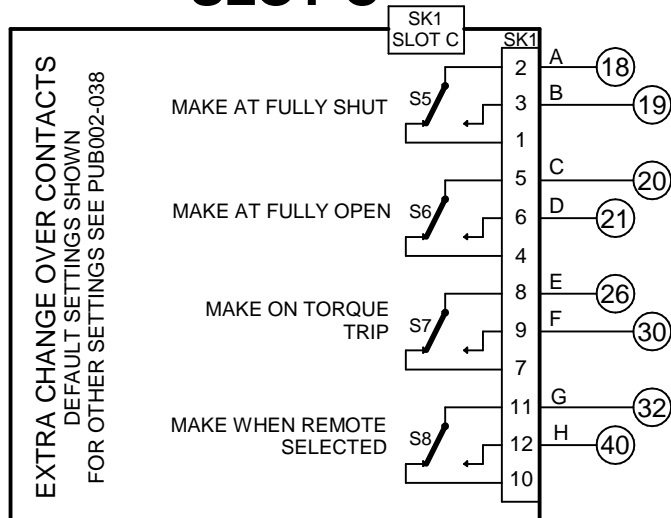
SLOT A



SLOT B



SLOT C



NOTES

- 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.
- REMOTE CONTROL:** FOR TYPICAL REMOTE CONTROL CIRCUITS REFER TO RWS INDICATED OR PUBLICATION PUB002-041. FOR DC AND AC CONTROL CONNECT -VE/0V TO TERMINAL 36 (FOR NEGATIVE SWITCH / +VE COMMON WIRING DIAGRAMS, REFER TO RWS INDICATED). DC CONTROL SIGNAL THRESHOLD VOLTAGES - "ON" >=16VDC / "OFF" <= 8VDC. AC CONTROL SIGNAL THRESHOLD VOLTAGES - "ON" >=60VAC / "OFF" <= 40VAC. CONTROL SIGNAL DURATION TO BE 300ms MINIMUM. MAXIMUM CURRENT DRAWN FROM REMOTE CONTROL SIGNALS IS 8mA AT 24VDC OR 12mA AT 120VAC. SUPPLY PROVIDED ON TERMINALS 4 & 5 IS INTENDED FOR REMOTE CONTROL. MAX EXTERNAL LOAD ON TERMINALS 4 & 5 IS 5W AT 24VDC / 5VA AT 120VAC.

- INDICATION:** FOR TYPICAL, POSITION, STATUS AND ALARM INDICATION SEE PUBLICATION 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 150V. MAX SWITCHES CURRENT NOT TO EXCEED 3.5A INDUCTIVE, 5A RESISTIVE.
- BATTERY:** BATTERY MAINTAINS LOCAL AND REMOTE "S" CONTACT INDICATION ONLY. REFER TO INSTALLATION MANUAL FOR APPROVED REPLACEMENT BATTERY TYPES.