

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	

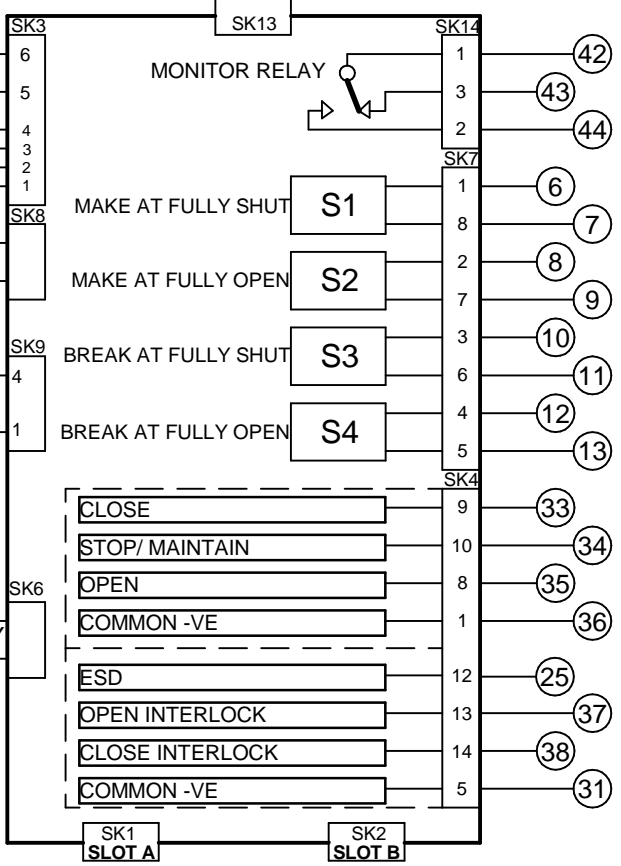
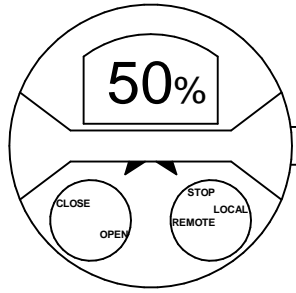
TRANSISTOR SWITCHING FOR
24VDC CONTACTORS (IQ10-35)
RELAYS ONLY FITTED WHEN
120VAC CONTACTOR IS FITTED
FOR IQ40,70,90,91 & 95

TORQUE
SENSOR

POSITION
SENSOR 10 WAY

BATTERY -

FS2 (IF FITTED) 100mA +



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

Iss	Date	Chkd	Revision Details
2	270214	PJW	WAS RWS102
3	160614	MR	400v added to type 1 tapping Y. Note added to sheet 2 note 1.
4	091117	WHE	Foundation Fieldbus publication correction.

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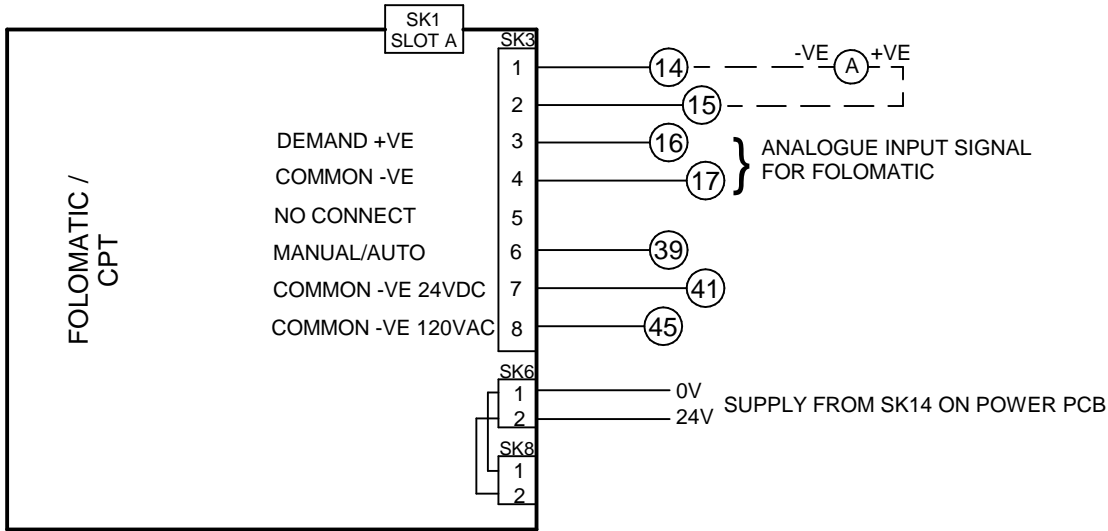
IQ + FOUNDATION FIELDBUS + FOLOMATIC / CPT + TIMER

Drawn by: JC1
Date : 050813
Base WD: 103F2001
Job No : - -
MI No : - -

Circuit Diagram Number		Issue No	Sheet
103F2001		4	1
B1	C1	B2	C2

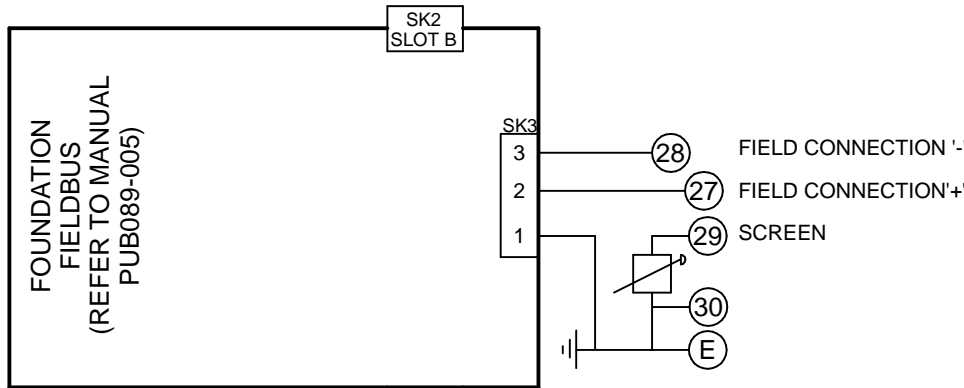
1 of 2

SLOT A



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

SLOT B



**TWO SPEED
INTERRUPTER
TIMER**

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.