

FOR TYPICAL REMOTE CONTROL DETAILS, SEE DOCUMENT **RWS100**

TRANSFORMER TAPPING OPTIONS	
Tap	Nominal 50/60Hz
TYPE 1	
W	220/230
X	380/400
Y	400,415/420
Z	440/460
FUZE FS1=250mA ANTI-SURGE	
TYPE 2	
W	346/380
X	480/500
Y	240/240
Z	550/575
FUZE FS1=250mA ANTI-SURGE	
TYPE 3	
X	660/660-690
Y	690/-
FUZE FS1=150mA ANTI-SURGE	

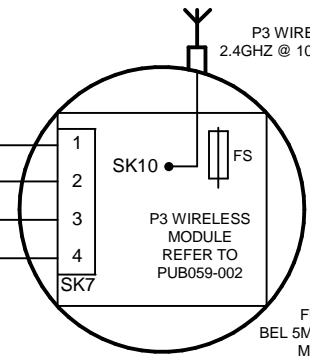
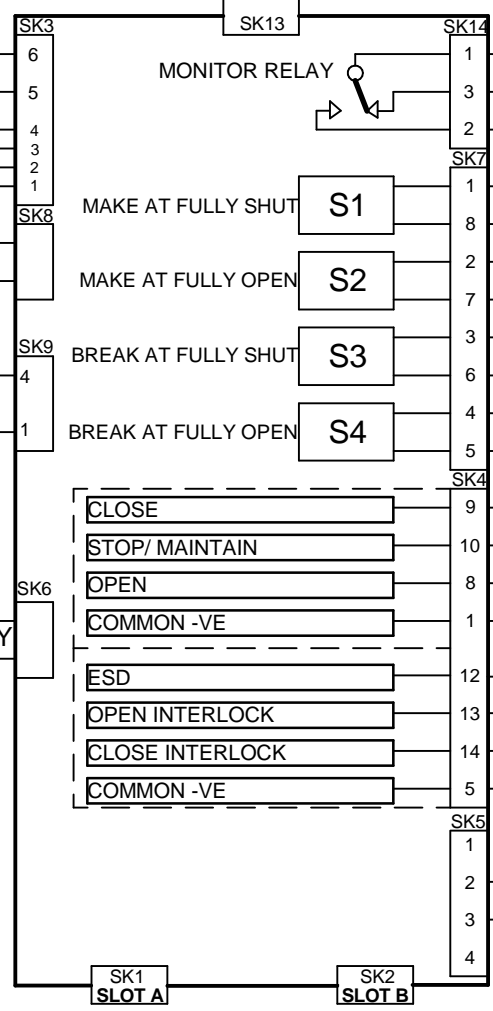
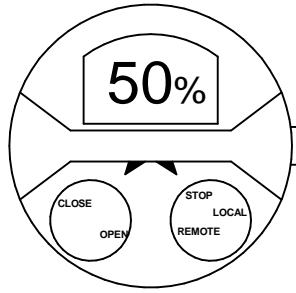
TRANSISTOR SWITCHING FOR 24VDC CONTACTORS (IQ10-35) RELAYS ONLY FITTED WHEN 120VAC CONTACTOR IS FITTED FOR IQ40,70,90,91 & 95

24VDC NOMINAL SUPPLY (OUTPUT)

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



FS2 (IF FITTED) 100mA



FUSE (FS) BEL 5MF 500mA 250V ML E20624

Iss	Date	Chkd	Revision Details
1	190315	AD	First Issue.
2	120517	PJW	PUB059-002 Was S720.

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IQ + CAN + P3 WIRELESS

Drawn by: PJW
Date : 190315
Base WD: 100W2000
Job No : --
MI No : --

Circuit Diagram Number		Issue No	Sheet
100W2000		2	1
B1	C1	B2	C2

NO OPTIONS FITTED

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" $\geq 16\text{Vdc}$ / "off" $\leq 8\text{Vdc}$, max 60Vdc.
 - AC: "on" $\geq 60\text{Vac}$ / "off" $\leq 40\text{Vac}$, max 120Vac.
- 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:
 - Intended for remote control.
 - Max external load 5W at 24Vdc / 5VA at 120Vac

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.

See Sheet 1 for all Revision details/information

Circuit Diagram Number	Issue No	Sheet
100W2000	2	2 of 2