

CHANNEL

Drawn by: JC1

Job No : - -

: 211113

Base WD: 201F2000

Date

MI No

Circuit Diagram Number

B1C1B2C2

ROTORK CONTROLS INC

ROCHESTER

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tapping Y. Note added to

Minor pictoral corrections

Updated notes on page 2.

Foundation Fieldbus

publication correction

ROTORK CONTROLS LTD

BATH, BA1 3JQ

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ENGLAND

sheet 2 note 1.

220715 3

130616

091117

4 5

JC1

PW

WHE

Issue No

5

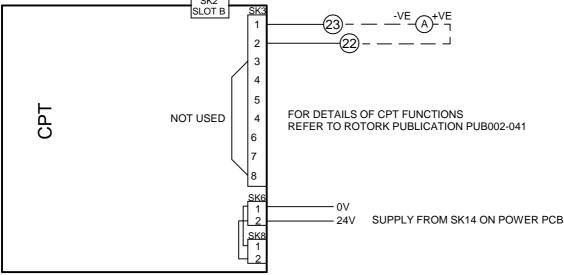
Sheet

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of 2

SLOT A SK1 SLOT A FIELD CONNECTION '-' 3 2 FIELD CONNECTION'+' SCREEN 1

SLOT B SLOT B



NOTES

- -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
- -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.

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

Circuit Diagram Number of 2