

ALL-RITE

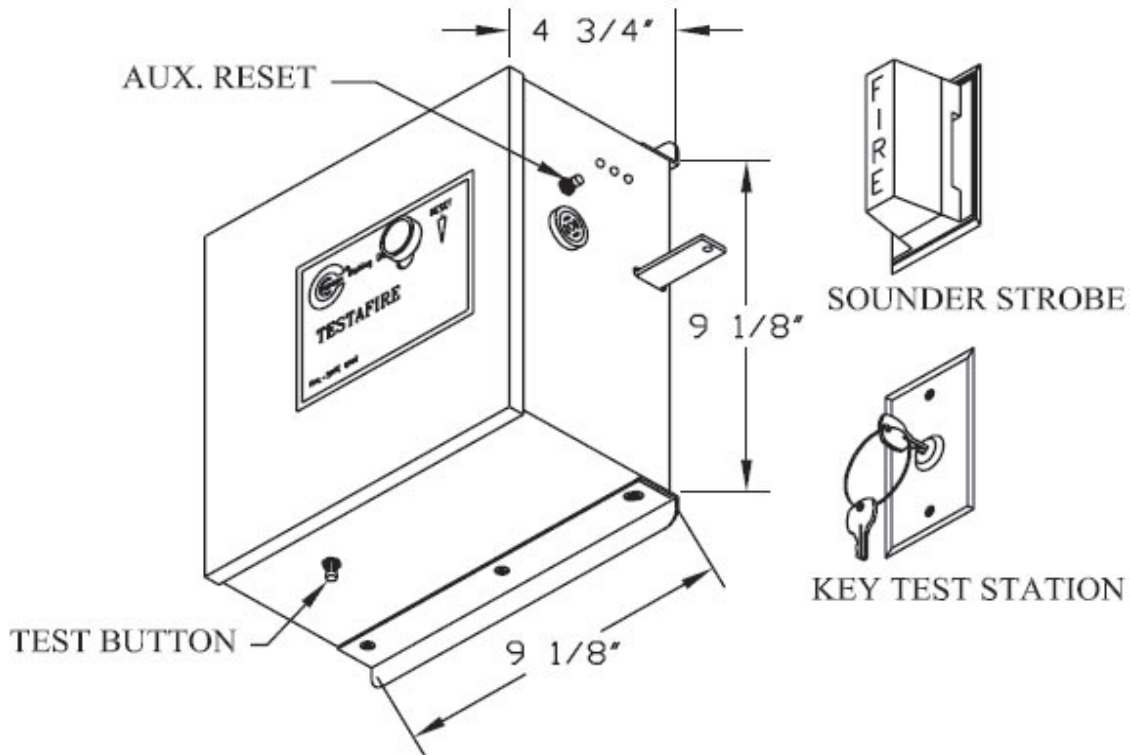
DOCK & DOOR SYSTEMS INC.

For all the “Rite” Loading Dock Solutions

TEST-A-FIRE RELEASE DEVICE

Motor operated fire door automatic closure control
w/release device & battery backup

Electrical Charts



Electrical Requirements

INPUT VOLTAGE	VOLTAGE REQUIREMENTS	CURRENT REQ'D SUPERVISORY *	CURRENT REQ'D ALARM CONDITION
120VAC	120VAC ± 10%	0.10A	0.5A
24VAC	24VAC ± 10%	0.10A	0.5A
24VDC	24VDC ± 5%	0.10A	0.5A

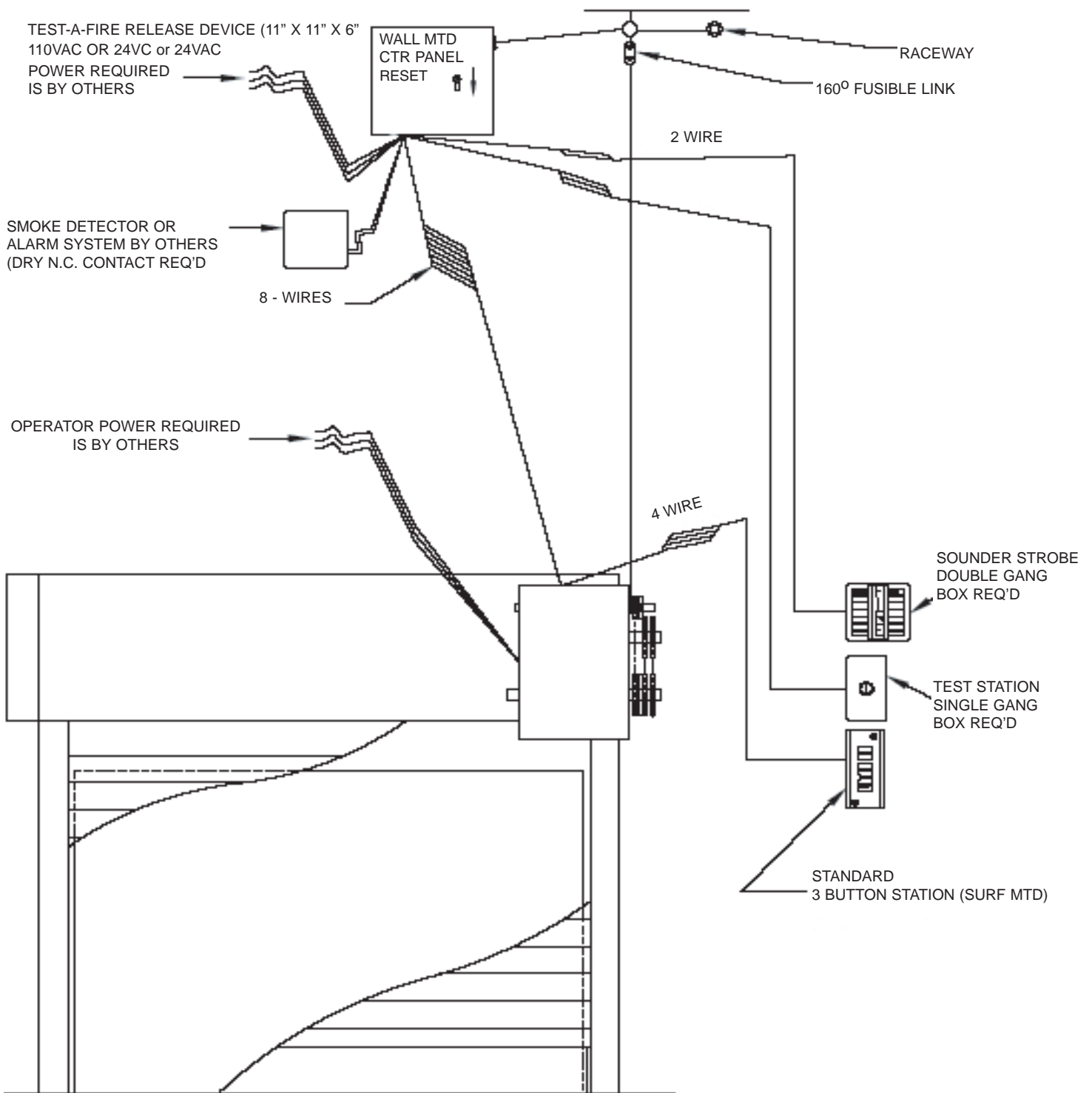
* NOTE: Initial power up in rush current not to exceed 3 times rated current

INITIATING/DOOR INPUTS (dry contacts)
Maximum loop resistance: 100 Ω
Maximum Current: Not to exceed 0.002A
Maximum Voltage: 15VDC

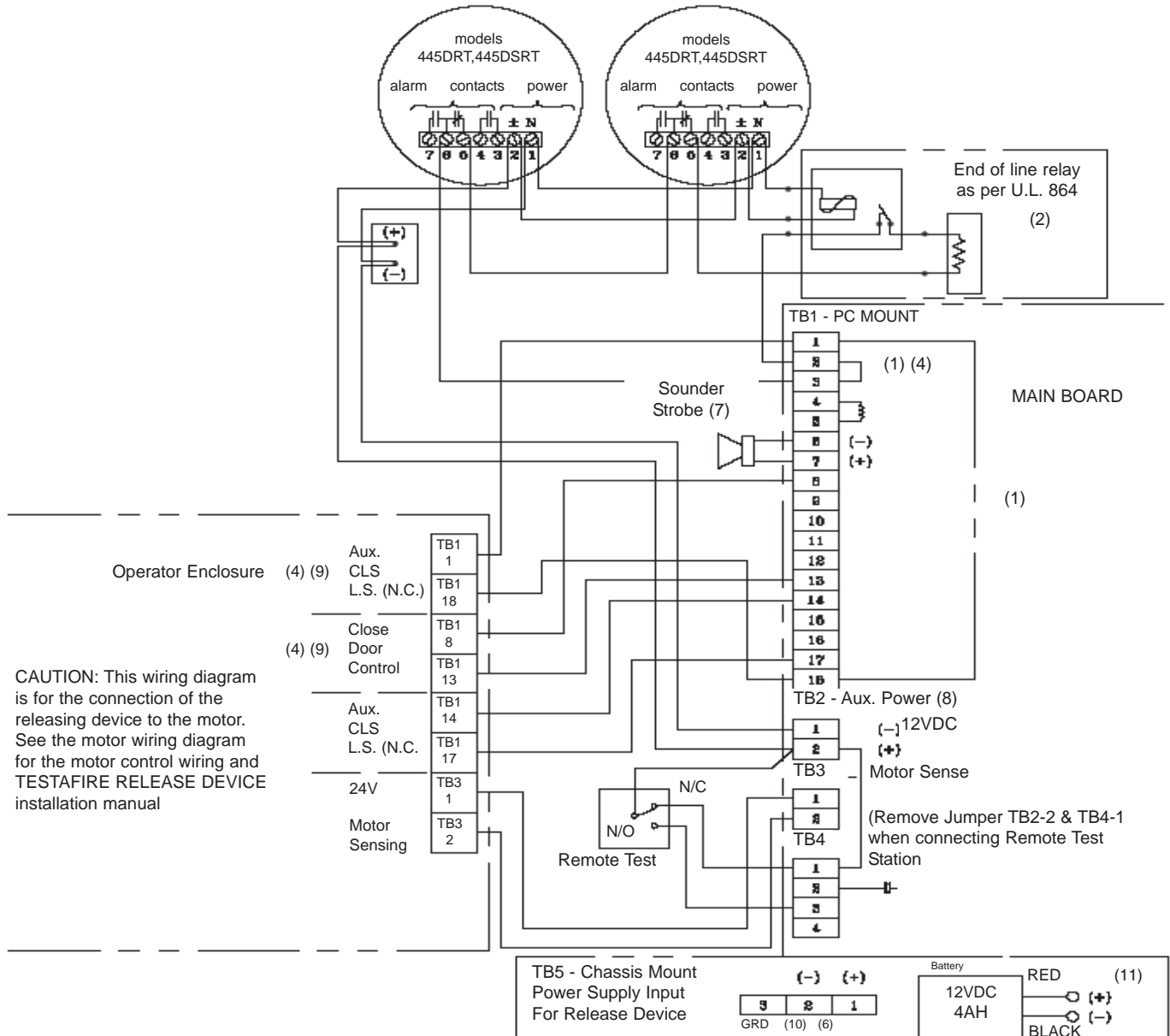
AUXILIARY INPUTS
12VDC @ 0.250A

BATTERY
12VDC 4.0 AH

TEST-A-FIRE RELEASE DEVICE WIRING CONFIGURATION



ELECTRICAL CONN. FOR TEST-A-FIRE RELEASE DEVICE TO GH/H/GJ OPERATOR



CAUTION: This wiring diagram is for the connection of the releasing device to the motor. See the motor control wiring and TESTAFIRE RELEASE DEVICE installation manual

INSTALLATION INSTRUCTIONS MUST BE FOLLOWED TO ASSURE PROPER INSTALLATION

1. Factory installed jumpers: Remove when connecting to N/C alarm device
2. Supervisory device must be installed
3. All fuses 1A @ 250V, 2AG fast acting
4. Maximum loop resistance 100 ohms
5. See NFPA 80 and NFPA 72-1993 for proper placement of detector(s)
6. Class 1 wiring must enter through proper opening.

7. If unit contains factory installed voice module option, refer to voice module connections. DO NOT connect speaker to TB1 6 & 7
8. Aux. 12VDC power for smoke detectors if req'd
9. Aux. L.S. must activate before operator limit switch. Must be dry contacts
10. Verify power source matches release device label on enclosure.
- 11.. Battery should not be connected until testing of unit is being performed.