

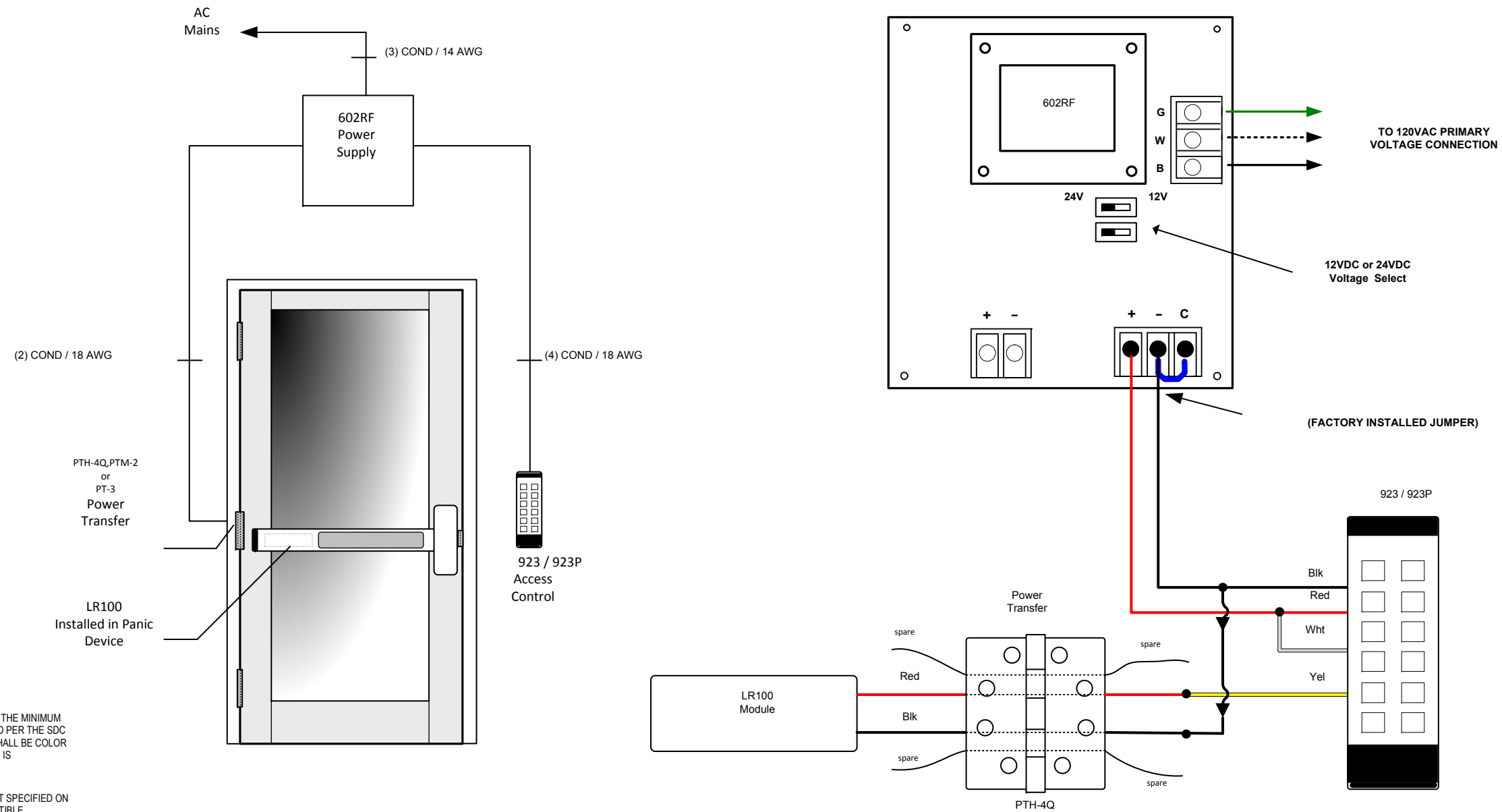
Method of Operation

Door normally closed and locked by electrified latch retraction exit bar.

Authorized Access – Presenting a valid card or entering a valid user code at reader will momentarily activate the electric latch retraction allowing door to be pulled open.

Authorized Egress – Free egress at all times by pushing exit bar and opening door.

Override Access – By optional key operated outside trim.



NOTES:

(1) ALL LOW VOLTAGE SIGNAL WIRING SHALL BE 18-GAUGE MINIMUM. THE MINIMUM INDUCTIVE LOAD (LOCK) POWER WIRE GAUGE SHALL BE DETERMINED PER THE SDC WIRE GAUGE CHART. ALL WIRING (SINGLE OR MULTI-CONDUCTOR) SHALL BE COLOR CODED WITHOUT SPLICES. A MINIMUM OF TWO SPARE CONDUCTORS IS RECOMMENDED.

(2) SPECIFY VOLTAGE WHEN ORDERING PRODUCTS. VOLTAGE IS NOT SPECIFIED ON THIS WIRE DIAGRAM, BE SURE ALL PRODUCTS ARE VOLTAGE COMPATIBLE.


(3) ALL WIRING MUST CONFORM TO NATIONAL, STATE AND LOCAL CODES.

(4) ALWAYS CONSULT WITH THE AUTHORITY HAVING JURISDICTION (AHJ) BEFORE INSTALLATION.

(5) WHERE REQUIRED BY CODE, CONNECT FAILSAFE SYSTEMS TO THE LOCAL FIRE LIFE SAFETY SYSTEM FOR EMERGENCY RELEASE.

(6) DOOR POSITION SWITCHES SHOWN WITH THE DOOR CLOSED

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|  <p>Security Door Controls 801 Avenida Acaso Camarillo, CA 93012 t 805.494.0622 ~ f 805.494.8861 www.sdcsecurity.com</p> | <p>NOTE: ALL WIRING MUST BE REVIEWED AND APPROVED BY THE PROJECT ENGINEER ASSIGNED TO THE LOCATION FOR IT'S CORRECTNESS AND SUITABILITY FOR THE APPLICATION IN THE WHICH THE EQUIPMENT INSTALLED AND OPERATED. ALL WIRING MUST CONFORM TO NATIONAL, STATE, AND LOCAL CODES FOR CLASS 2 FIRE PROTECTION AND CONTROL DEVICES.</p> | PROJECT NAME: | TITLE: | | | | SO NO.: | REV |
| | | Solution #4 - Single Access Controlled Door | Electric Latch Retraction Application | | | | - | - |
| LOCATION.: | DIST.: | CONTACT: | DATE: | DRAWN BY: | DWG. NO.: | Page 1 of 1 | | |
| Storefront | - | service@sdsecurity.com | - | - | - | | | |