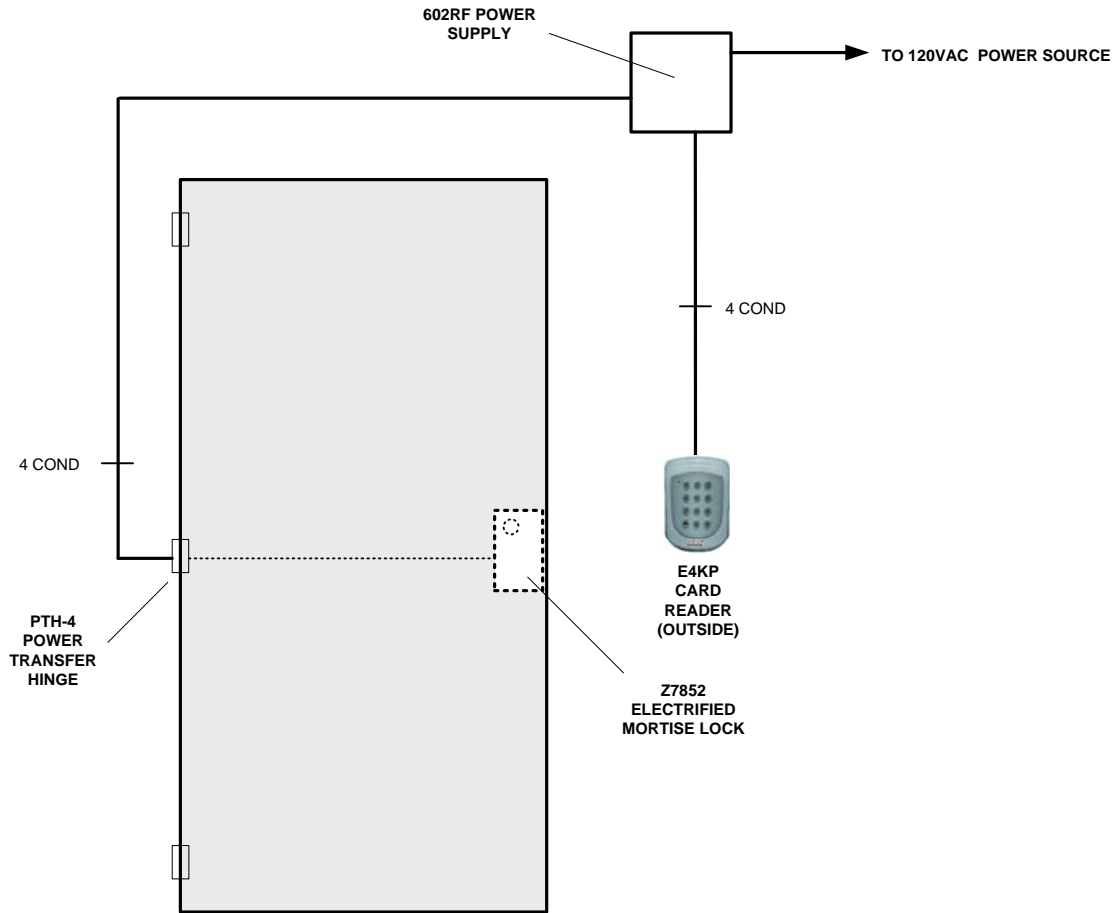


### RISER DIAGRAM




**NOTES:** (1) ALL LOW VOLTAGE SIGNAL WIRING SHALL BE 20-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.

**Components**

Qty	Description	Part Number	Manufacturer
1	Fail-Secure Electrified Mortise Lock	Z7852LU	SDC
1	1 Amp Power Supply	602RF	SDC
1	Power Transfer Hinge – 4 Conductor	PTH-4	SDC
1	Proximity/PIN Card Reader	E4KP	SDC

**Method of Operation**

Access/Egress: Presenting an authorized card to the reader releases the lever of the locking device momentarily for access. Entry momentary unlock time is determined by the card reader programming. Egress will be free at all times.

PROJECT NAME:	LOCATION:	DISTRIBUTOR:	
DWG. NO.: 0035	SO. NO.:	<b>SECURITY DOOR CONTROLS</b> 3580 Willow Lane Westlake Village CA 91361-4921 Tel. 805-494-0622 FAX: 805-494-8861	
CONTACT:	DATE: 03-2007	DWN BY: ML	

POINT TO POINT WIRING DIAGRAM

