

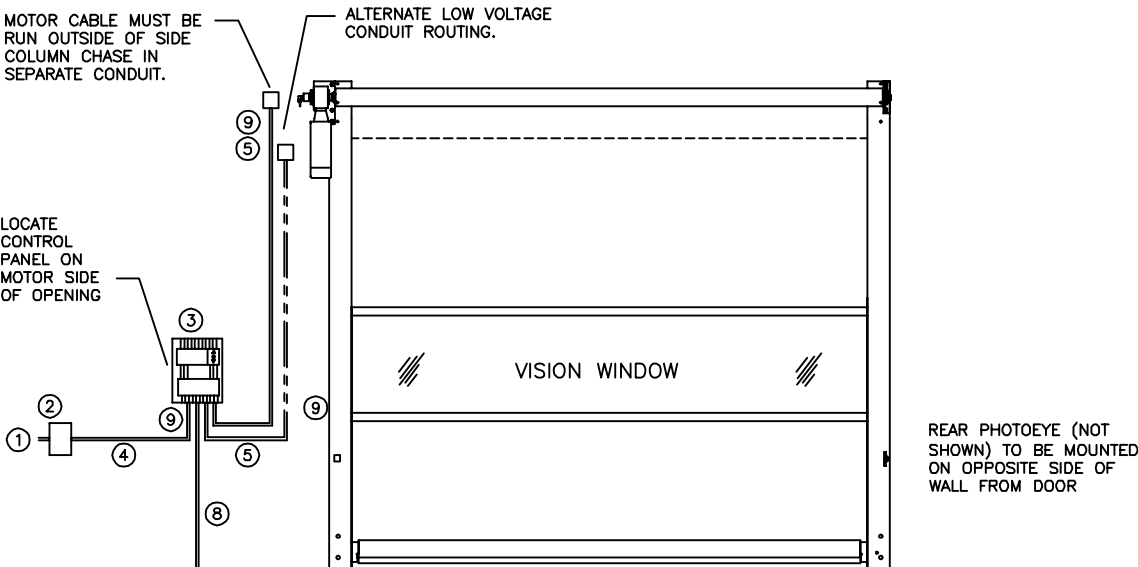
ALL CONDUIT,
JUNCTION BOXES AND
WIRING SHOWN
PROVIDED BY OTHERS
UNLESS OTHERWISE
INDICATED.

MOTOR CABLE MUST BE
RUN OUTSIDE OF SIDE
COLUMN CHASE IN
SEPARATE CONDUIT.

ALTERNATE LOW VOLTAGE
CONDUIT ROUTING.

LOCATE
CONTROL
PANEL ON
MOTOR SIDE
OF OPENING

SEE SERVICE,
DISCONNECT
AND FUSING
TABLE FOR
RECOMMENDATIONS



GENERAL ELECTRICAL INSTALLATION NOTES

- A). THE ENCLOSURE MOUNTING HARDWARE PROVIDED MUST BE USED IN ORDER TO MAINTAIN THE ENCLOSURE RATING (TYPE 4 STANDARD UNLESS OTHERWISE NOTED ON APPROVAL DRAWING.).
- B). ALL CONDUIT CONNECTIONS TO THE CONTROL PANEL SHOULD ENTER THROUGH THE BOTTOM OF THE ENCLOSURE. ANY CONDUIT ENTRIES IN THE SIDES OR TOP OF THE ENCLOSURE WILL VOID THE WARRANTY.
- C). ALL FIELD ELECTRICAL WORK MUST CONFORM TO ANY APPLICABLE LOCAL OR NATIONAL ELECTRIC CODES.
- D). ALL FIELD WIRING TO BE MINIMUM 60' C, 600V RATED COPPER STRANDED TYPE.
- E). USE SHIELDED CABLE WHERE INDICATED ON THE SCHEMATIC PROVIDED WITH THE DOOR. FAILURE TO USE SHIELDED CABLE MAY RESULT IN IMPROPER OPERATION OR PREMATURE FAILURE AND WILL VOID WARRANTY.
- F). INSTALL ALL LOW VOLTAGE (< 50V) WIRING IN METALLIC CONDUIT SEPARATE FROM MOTOR AND OTHER HIGH VOLTAGE WIRING. FAILURE TO SEPARATE HIGH AND LOW VOLTAGE WILL VOID WARRANTY. (NOTE : BRAKE VOLTAGE IS 24VDC (LOW VOLTAGE)).
- G). TAKE NECESSARY PRECAUTIONS TO PREVENT MOISTURE FROM ENTERING CONTROL PANEL THROUGH CONDUIT.
- H). PREDADOOR PROVIDED WITH 20 FT SHIELDED MOTOR CABLE AND 50 FT SHIELDED ENCODER CABLE.
- I). IF SPlicing OF ENCODER CABLE IS NECESSARY, MAINTAIN SHIELDING AT SPLICE.
- J). THIS DOCUMENT OUTLINES THE GENERAL ELECTRICAL REQUIREMENTS FOR THIS DOOR TYPE. REFER TO ELECTRICAL SCHEMATIC PROVIDED WITH THE DOOR FOR COMPLETE REQUIREMENTS.

SERVICE, DISCONNECT AND FUSING RECOMMENDATIONS

208-230V/1PH-50/60HZ

MINIMUM SERVICE: 20 AMP, (REQUIRED)
DISCONNECT: 30 AMP, 300V MIN., 2 POLE
FUSES: 20 AMP, CLASS R OR EQUAL

208-230V/3PH-50/60HZ

MINIMUM SERVICE: 20 AMP
DISCONNECT: 30 AMP, 300V MIN., 3 POLE
FUSES: 20 AMP, CLASS R OR EQUAL

460V/3PH-50/60HZ

MINIMUM SERVICE: 20 AMP
DISCONNECT: 30 AMP, 600V MIN., 3 POLE.
FUSES: 20 AMP, CLASS R OR EQUAL

600V/3PH-50/60HZ

MINIMUM SERVICE: 15 AMP
DISCONNECT: 30 AMP, 600V MIN., 3 POLE.
FUSES: 15 AMP, CLASS R OR EQUAL

Requirements: Responsible Party*

1. BRANCH CIRCUIT PROTECTION AND MAIN POWER DISTRIBUTION WIRES: 1 _____
2. SUPPLY & MOUNTING OF FUSED DISCONNECT (INCLUDING FUSES) WITHIN 5 FT OF THE DOOR OPENING: 2 _____
3. MOUNTING OF CONTROL PANEL WITHIN 5 FT OF DOOR OPENING: 3 _____
4. WIRING FROM DISCONNECT TO CONTROL PANEL: 4 _____
5. CONDUIT, WIRE AND OTHER MATERIAL REQUIRED FOR CONNECTIONS FROM CONTROL PANEL TO DOOR: 5 _____
6. MOUNTING OF REMOTE PHOTO EYES AND ACTIVATORS, (NOT SHOWN): 6 _____
7. WIRING OF ACTIVATORS (SEE ACTIVATOR MANUALS): 7 _____
8. INSTALLATION OF OPTIONAL FLOOR LOOP WIRING (INCLUDES FLOOR CUTTING IF REQ'D): 8 _____
9. TERMINATION OF ALL WIRING: 9 _____

*Resp. Party to provide all materials and labor to complete the work indicated.

Activator Options, Qty, Responsible Party

PHOTO EYE:	_____	_____
PULLCORD:	_____	_____
MOTION DETECTOR:	_____	_____
PUSH-BUTTON:	_____	_____
FLOOR LOOP:	_____	_____
OTHERS (SEE NOTES):	_____	_____

Additional Notes:

RYTEC CORPORATION

ONE CEDAR PARKWAY, JACKSON, WI 53037-0403

PREDADOOR® with SYSTEM 4
Drive and Control.

Electrical Scope Of Work

CUSTOMER: _____

LOCATION: _____

DATE:
11/21/11

DEALER: _____

APPV'D BY: _____

DRAWING NO.: 411064-00T

REV.: A