

II- 1100-9

INSTALLATION INSTRUCTIONS ACSI MODEL 1114,1116 & 1118 PIVOT

APPLICATION PROCEDURE

- FOR USE WITH 4, 6 & 8 WIRE CONCEALED ELECTRIC THROUGH WIRE/MONITORED PIVOTS.
- STEEL PIVOTS FOR INTERIOR USE ONLY.
- BRASS, STAINLESS STEEL & ALUMINUM PIVOTS FOR INTERIOR AND EXTERIOR USE.

ELECTRICAL RATINGS

MONITOR SWITCH

- MAXIMUM ELECTRICAL RATING OF SWITCH: 28 VOLTS DC @ .300 ma
- WIRE GAUGE SIZE: 22 AWG
- **CLOSED LOOP SECURE**
USE WHITE AND GREEN WIRES
WHEN THE DOOR IS SECURE (CLOSED POSITION), THE MONITOR SWITCH SHOWS A CONTACT CLOSED STATE. WHEN THE DOOR OPENS (UNSECURE POSITION), AN OPEN CONTACT IS DETECTED AS AN ALARM.
- **OPEN LOOP SECURE**
USE WHITE AND RED WIRES
WHEN THE DOOR IS SECURE (CLOSED POSITION), THE MONITOR SWITCH CONTACTS ARE OPEN. WHEN THE DOOR OPENS (UNSECURE POSITION), A CLOSED CONTACT IS DETECTED AS AN ALARM.

THROUGH WIRES

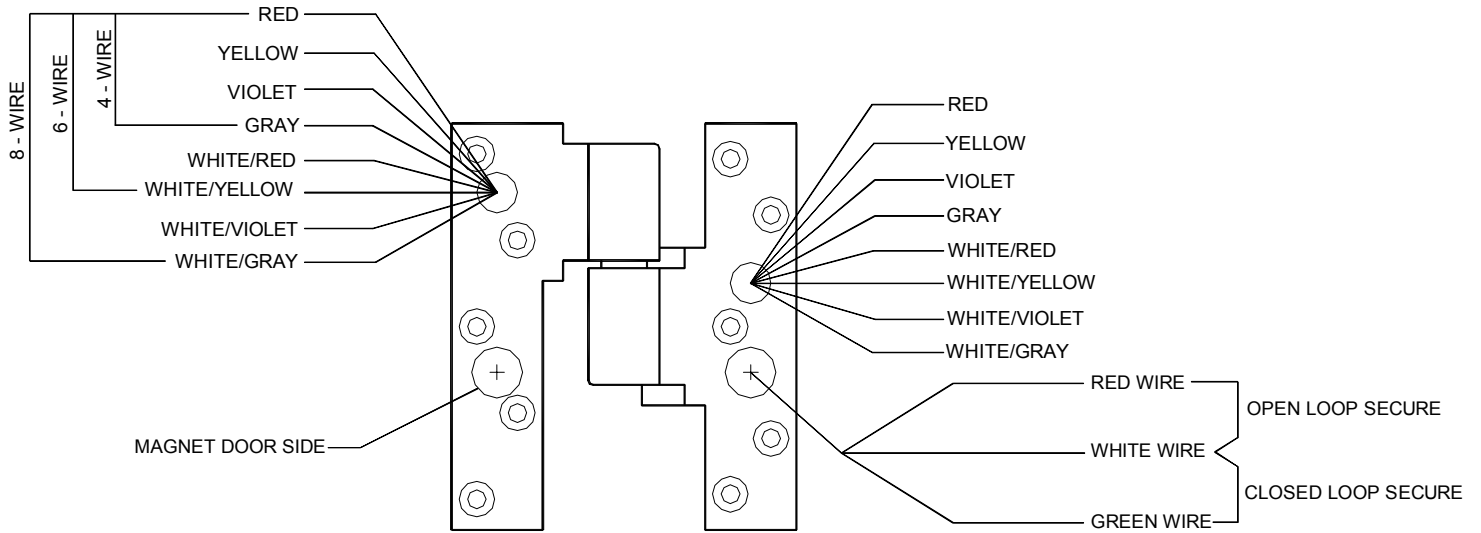
- EACH WIRE RATED 50 VOLTS AC/DC AT 3.5 AMPS (MAX.) CONTINUOUS, OR 16 AMPS (MAX.) PULSE.
- MAXIMUM PULSE WIDTH: 400 msec.
- MINIMUM "OFF" TIME BETWEEN PULSES: 10 SECONDS
- WIRE GAUGE SIZE: 28 AWG (TYPICAL FOR ALL MODELS SHOWN).

DOOR AND FRAME PREPARATION

- DOOR AND FRAME MUST BE PREPARED IN ACCORDANCE WITH THE APPROPRIATE THROUGH WIRE & MONITORED PIVOT TEMPLATE.
- THROUGH WIRE & MONITORED PIVOTS ARE NON-LOAD BEARING AND MUST BE MOUNTED IN THE CENTER PIVOT POSITION ONLY.
- DO NOT ATTEMPT TO DISASSEMBLE PIVOT. PIVOT MUST BE INSTALLED ASSEMBLED. IF PIVOT IS DISASSEMBLED, MANUFACTURER'S WARRANTY WILL BE VOID.
- WIRE ACCESS HOLES MUST BE FREE OF BURRS AND SHARP CORNERS. CHECK TO MAKE SURE THAT PIVOT FITS FREELY IN PREP. TO AVOID DAMAGING AND OR SHORTENED LIFE, DO NOT FORCE PIVOT INTO PREP HOLES.
- HANG THE DOOR ON THE TOP AND BOTTOM PIVOTS FIRST (NOTE: THESE ARE NON-ELECTRICAL PIVOTS).

INSTALLATION

- ATTACH WIRES IN ACCORDANCE WITH PROJECT WIRING DIAGRAMS.
- OPEN DOOR TO 90° OR MORE FOR ACCESS TO JAMB PREPS.
- EXTRACT INTERIOR WIRING THROUGH THE PREP HOLES FROM THE DOOR AND JAMB.
- TERMINATE WIRE CONNECTIONS WITH APPROPRIATE CRIMP SPLICES OR WIRE NUTS.
 NOTE: IT IS HELPFUL TO STAGGER TERMINATIONS. THIS ALLOWS FOR EASY INSERTION OF WIRES THROUGH PREP HOLES.
- **DO NOT HANG PIVOT BY WIRES DURING INSTALLATION OR SERIOUS DAMAGE COULD OCCUR.**
- INSULATE ALL ENDS OF UNUSED WIRES.
- AFTER ALL TERMINATIONS ARE COMPLETED, CAREFULLY SLIDE WIRES THROUGH PREP HOLE MAKING SURE THAT WIRES ARE PLACED SO THEY WILL NOT BE CUT OR PINCHED AS PIVOT IS INSTALLED.



MODELS: 1114, 1116 & 1118 THROUGH WIRE & MONITOR PIVOTS

