

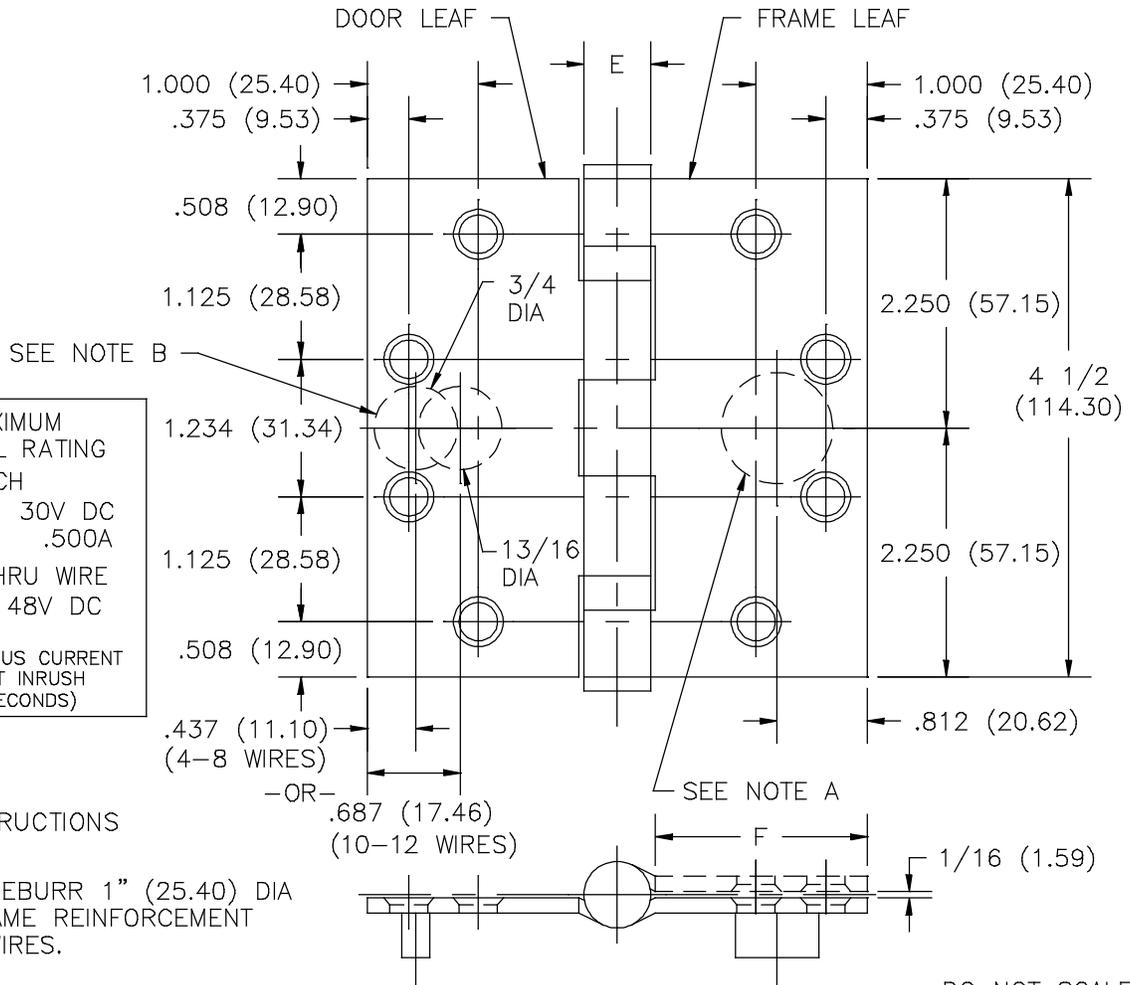


FULL MORTISE
 TEMPLATE HINGES
 ELECTRIC THRU WIRE
 AND MONITOR TYPE ETM

Template No. T523

| No. | REVISION | BY | DATE |
|-----|-------------|-----|---------|
| 1 | ECO CT05035 | RAM | 8-12-05 |
| 2 | ECO CT07016 | DW | 4.12.07 |

SIZES: 4 1/2 x 4 -- 4 1/2 x 4 1/2
 (114.30 x 101.60) (114.30 x 114.30)



ETM MAXIMUM
 ELECTRICAL RATING
 SWITCH
 VOLTS 30V DC
 AMPERES .500A
 CONTACT THRU WIRE
 VOLTS: 48V DC
 AMPERES:
 3.5A CONTINUOUS CURRENT
 16.0A CURRENT INRUSH
 (300 MILLISECONDS)

DRILLING INSTRUCTIONS

NOTE A:
 DRILL AND DEBURR 1" (25.40) DIA
 HOLE IN FRAME REINFORCEMENT
 FOR THRU WIRES.

NOTE B:
 DRILL AND DEBURR A 3/4" (19.05) DIA HOLE FOR 4-8 THRU WIRES -OR-
 A 13/16" (20.64) DIA HOLE FOR 10-12 THRU WIRES IN DOOR REINFORCEMENT.

| CATALOG NUMBER | | METAL GAUGE | (E) KNUCKLE DIAMETER | (F) DISTANCE FROM EDGE OF LEAF TO SWAGE LINE | |
|----------------|--------------------|-------------|----------------------|--|---------------------------------|
| STEEL HINGES | NON-FERROUS HINGES | | | 4 1/2 x 4 (114.30 x 101.60) | 4 1/2 x 4 1/2 (114.30 x 114.30) |
| BB1279-ETM | BB1191-ETM | .134 (3.40) | 39/64 (15.48) | 1 5/8 (41.28) | 1 7/8 (47.63) |
| BB1168-ETM | BB1199-ETM | .180 (4.57) | 45/64 (17.86) | 1 9/16 (39.69) | 1 13/16 (46.04) |

ALL NON-BRACKETED DIMENSIONS ARE IN INCHES, ALL BRACKETED DIMENSIONS ARE IN MILLIMETERS.

Machine Screw Size- 12-24 x 1/2" F.H.
 Wood Screw Size- No. 12 x 1 1/4" F.H.

NOTE: This hinge is intended to be used in the center position.

Hospital type and round corner template hinges conform to the above screw size and location. They are designated by "HT" and "RC" to catalog number.

Hager template hinges are made in size, gauge and with screw holes located to conform to ANSI-A156.7.



HAGER RESERVES THE RIGHT TO MAKE
 DESIGN CHANGES WITHOUT NOTICE. CALL
 HAGER ENGINEERING AT 1-800-325-9995
 FOR LATEST REVISION DATE OF TEMPLATE.

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