

- IMPEDANCE SHOWN IS CALCULATED VALUE - NOT GUARANTEED



TITLE: 3PH DISTRIBUTION TRANSFORMER  
NAMEPLATE INFORMATION

|     |      |    |          |
|-----|------|----|----------|
| NO. | DATE | BY | REVISION |
|     |      |    |          |


|        |          |
|--------|----------|
| DES:   | RHARISH  |
| DATE:  | 25/02/21 |
| SCALE: | NTS      |

SHEET 1 OF 2

EDBFC2A0015DK

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THIS DRAWING CONTAINS STRICTLY CONFIDENTIAL INFORMATION BELONGING TO HAMMOND POWER SOLUTIONS AND MUST NOT BE DISTRIBUTED OUTSIDE AUTHORIZED PARTIES.





**POWER SOLUTIONS**  
Guelph, ONT Compton, CA Baraboo, WI  
Monterrey, MX

**HPS Fortress™ C**  
Dry Type Encapsulated Transformer  
Transformateur de Type Sec Encapsulé

Part No. FC2A0015DK

  
 LISTED  
 LR3902

  
 GENERAL PURPOSE TRANSFORMER  
 252L  
 E0394



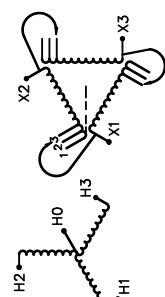
8 03423 22061 7

|                                |                            |                 |  |
|--------------------------------|----------------------------|-----------------|--|
| Cust. Ref.<br>Ref. du Client   | Serial No.<br>No. de Serie | 480Y/277V 18.0A |  |
| Phase                          | HV/HT                      | 10 kV           |  |
| Type                           | BIL                        | H0 H1 H2 H3     |  |
| Cooling<br>Refrondissement     | ANC                        | 240V 36.1A      |  |
| kVA                            | 15                         | 10 kV           |  |
| Temp. Rise<br>Echauffement     | 135 °C                     | X1 X2 X3        |  |
| Temp Class<br>Classe Temp      | 220 °C                     |                 |  |
| Winding<br>Enroulement         | AL                         |                 |  |
| Frequency<br>Frequence Hz      | 60                         |                 |  |
| Impedance %<br>@ 155 °C        | 2.1                        |                 |  |
| Encl. Type<br>Type De Coffrage | 4                          |                 |  |
| Weight lbs/kg<br>Poids         | 350/159                    |                 |  |

| VOLTS | CURRENT<br>COURANT | % RATED<br>% TENSION<br>NOMINALE | CONNECTION<br>EACH PHASE<br>CONNECTION<br>PAR PHASE |
|-------|--------------------|----------------------------------|-----------------------------------------------------|
| 252   | 34.4               | 105                              | 1                                                   |
| 240   | 36.1               | 100                              | 2                                                   |
| 228   | 38.0               | 95                               | 3                                                   |

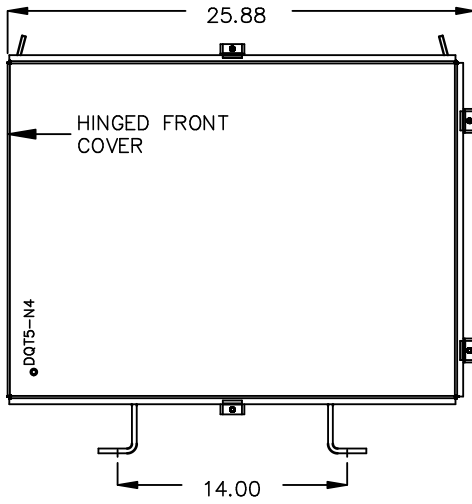
SPACINGS BETWEEN ANY VENTILATED ENCLOSURE PANEL AND ANY ADJACENT WALL SHALL BE A MINIMUM OF 3 INCHES ELECTROSTATIC SHIELD

TRANSFORMER SUITABLE FOR STEP UP OPERATION ONLY

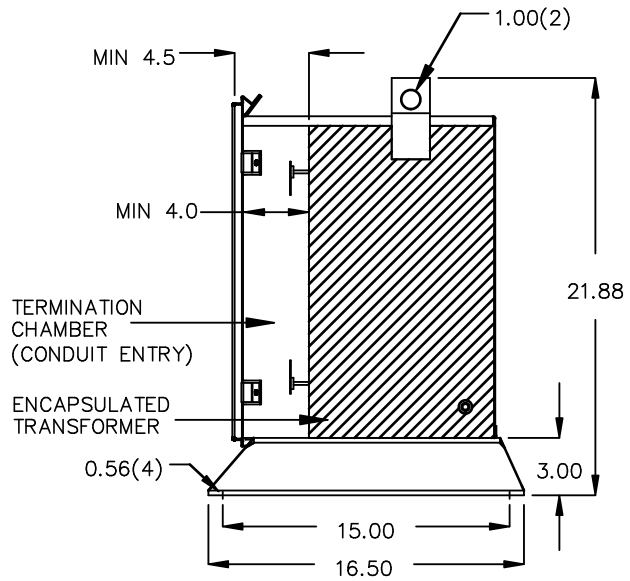


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FRONT VIEW



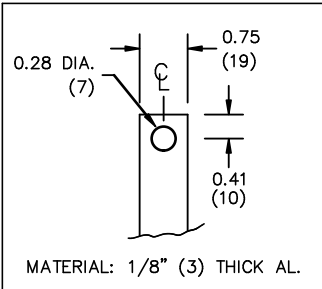
SIDE VIEW



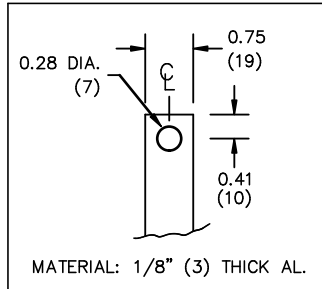
All Dimensions in inches

ENCLOSURE COLOR : ANSI 61 GREY – OUTDOOR

HV TERMINAL DETAIL



LV TERMINAL DETAIL



CUSTOMER NOTES:

- HV TERMINATED AT BOTTOM FRONT
- LV TERMINATED AT TOP FRONT



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