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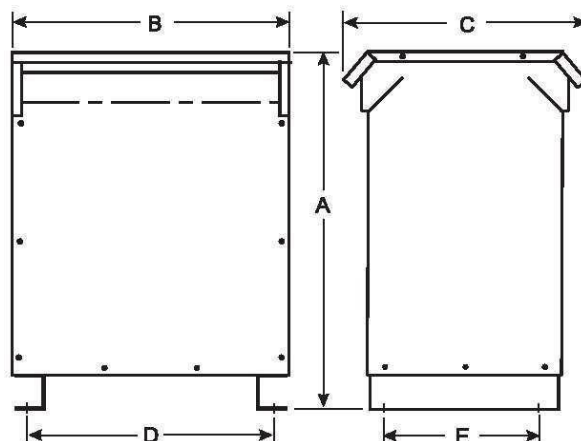
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## 45KVA-480D-240D/120CT-K01-AL Three-Phase Ventilate-USA-DOE

| Product details         |                              |
|-------------------------|------------------------------|
| KVA                     | 45.0                         |
| UPC#                    |                              |
| Enclosure               | NEMA 3R Ventilated           |
| Phase                   | Three-Phase                  |
| Line Voltage            | 480D                         |
| Load Voltage            | 240D/120CT                   |
| E/S Shielded            | No                           |
| Windings                | Aluminium                    |
| Temp.rise               | 150°C                        |
| Frequency               | 60Hz                         |
| Taps                    | 2 - 2.5% FCAN; 4 - 2.5% FCBN |
| Impedance @ 170 °C 60Hz | 5.1% (± ANSI TOLERANCE)      |
| Insulation Class        | 220°C                        |

| Product details                         |                                      |           |
|-----------------------------------------|--------------------------------------|-----------|
| Efficiency Type                         | DOE-2016                             |           |
| Minimum Efficiency {35%}                | 98.40                                |           |
| Termination                             | Primary : Aluminium Mechanical Lug   |           |
|                                         | Secondary : Aluminium Mechanical Lug |           |
| Approvals                               | uL, cUL, DOE                         |           |
|                                         |                                      |           |
| Weight & Dimensions (Imperial / Metric) |                                      |           |
| A                                       | 33.66"                               | 85.50 ems |
| B                                       | 26.57"                               | 67.50 ems |
| C                                       | 20.87"                               | 53.00 ems |
| D                                       | 23.62"                               | 60.00 ems |
| E                                       | 13.78"                               | 35.00 ems |
| Est Ship Wt                             | 408 lbs                              | 185 kg    |

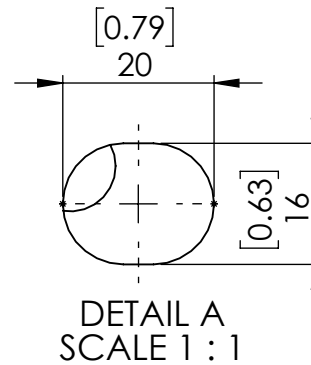
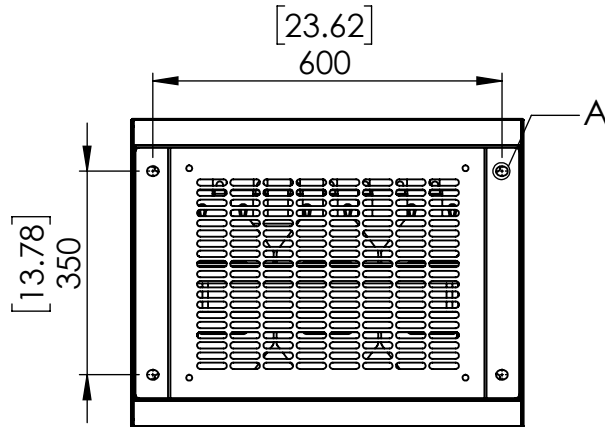
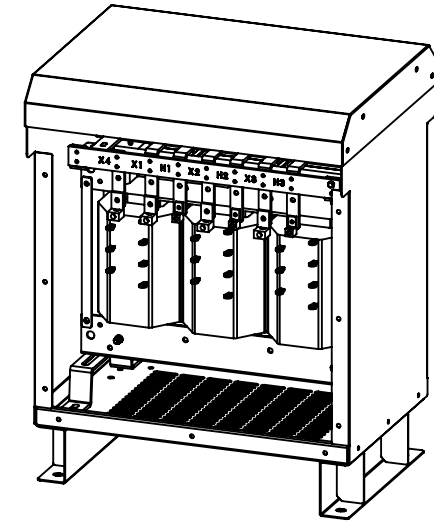
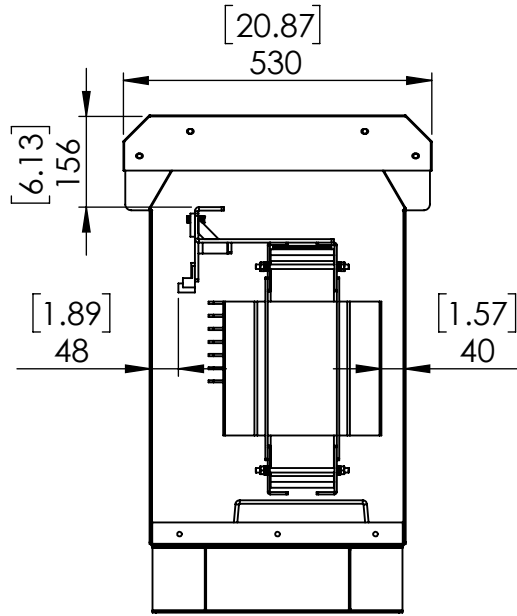
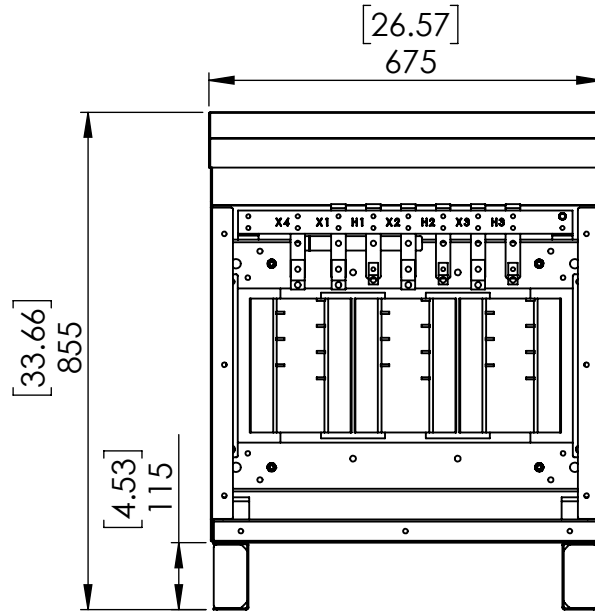
| Wiring Diagram            |      |                             |                            |
|---------------------------|------|-----------------------------|----------------------------|
| Primary : 480 Volts Delta |      |                             |                            |
| Secondary : 240D/120CT    |      |                             |                            |
| PRIMARY                   |      |                             |                            |
|                           |      |                             |                            |
| SECONDARY                 |      |                             |                            |
| Connections               |      |                             |                            |
| Primary Volts             | % Vd | On Each Coil Jumper Taps To | Primary Lines Connect To   |
| 504                       | 0.00 | 1                           | H1, H2, H3                 |
| 492                       | 0.00 | 2                           | H1, H2, H3                 |
| 480                       | 0.00 | 3                           | H1, H2, H3                 |
| 468                       | 0.00 | 4                           | H1, H2, H3                 |
| 456                       | 0.00 | 5                           | H1, H2, H3                 |
| 444                       | 0.00 | 6                           | H1, H2, H3                 |
| 432                       | 0.00 | 7                           | H1, H2, H3                 |
| Secondary Volts           |      |                             | Secondary Lines Connect To |
| 240                       |      |                             | X1, X2, X3                 |
| 120<br>1Phase             |      |                             | X1, X4<br>or<br>X2, X4     |



| Additional Information                         |  |
|------------------------------------------------|--|
| How to Buy: Contact your local representative. |  |
| Wall mounting bracket kit                      |  |
| Mounting kit with drippan                      |  |

All specifications subjects to change. Contact Factory for certified drawings. © 2025 OMEX Industries LLC.

45KVA-480D-240D/120CT-K01-AL



IP grade: 3R(Outdoor Application,AS per UL 1561)  
Finishing: ANSI 61 Grey colour

| REV | Description | Name: | Date : | Tolerances :                                 | OMEX Industries 9859 7th<br>Street, Suite G-L, Rancho<br>Cucamonga, CA 91730          |  |                  | Title : Assembly_Drawing                |             |
|-----|-------------|-------|--------|----------------------------------------------|---------------------------------------------------------------------------------------|--|------------------|-----------------------------------------|-------------|
| 04  |             |       |        | For Holes ±0.1                               |  |  |                  | Drawing No:45KVA-480D-240D/120CT-K01-AL |             |
| 03  |             |       |        | For P.C.D ±0.1                               |                                                                                       |  |                  | Material :                              |             |
| 02  |             |       |        | For thk ±0.05                                |                                                                                       |  |                  | QTY: xx                                 |             |
| 01  |             |       |        | For Angle ±1°                                |                                                                                       |  |                  | Rev : 00 Do not scale                   |             |
|     |             |       |        | All dimensions are in 'mm' unless specified. |                                                                                       |  | Date : 17-Oct-25 | Size : A4                               | Pages : 1/1 |

