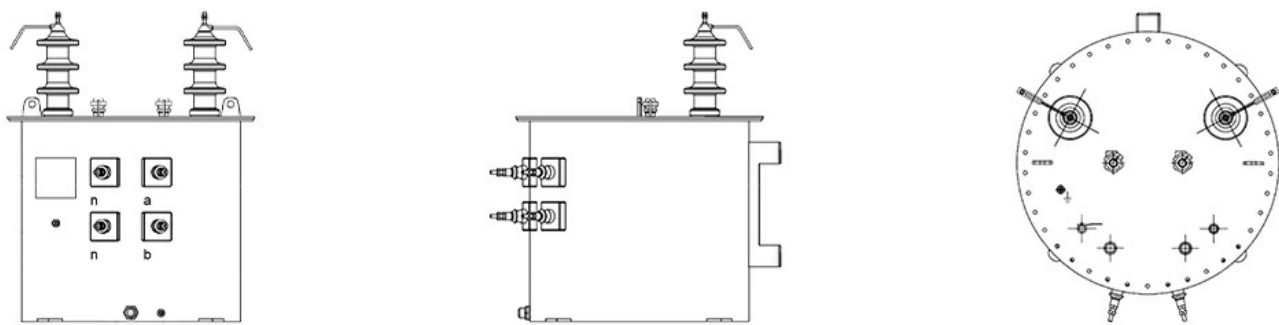


Transformer, Pole Type, 012-05152, Single Phase Oil Immersed Dist Transformer 37.5KVA 4.16/7.2 120/240 SS



Dimensions

|                        |          |
|------------------------|----------|
| Length                 | 740.0 mm |
| Height                 | 960.0 mm |
| Total Weight           | 470.0 Kg |
| Oil Weight             | 170.0 Kg |
| Weight of Active Parts | 240.0 Kg |

Accessories

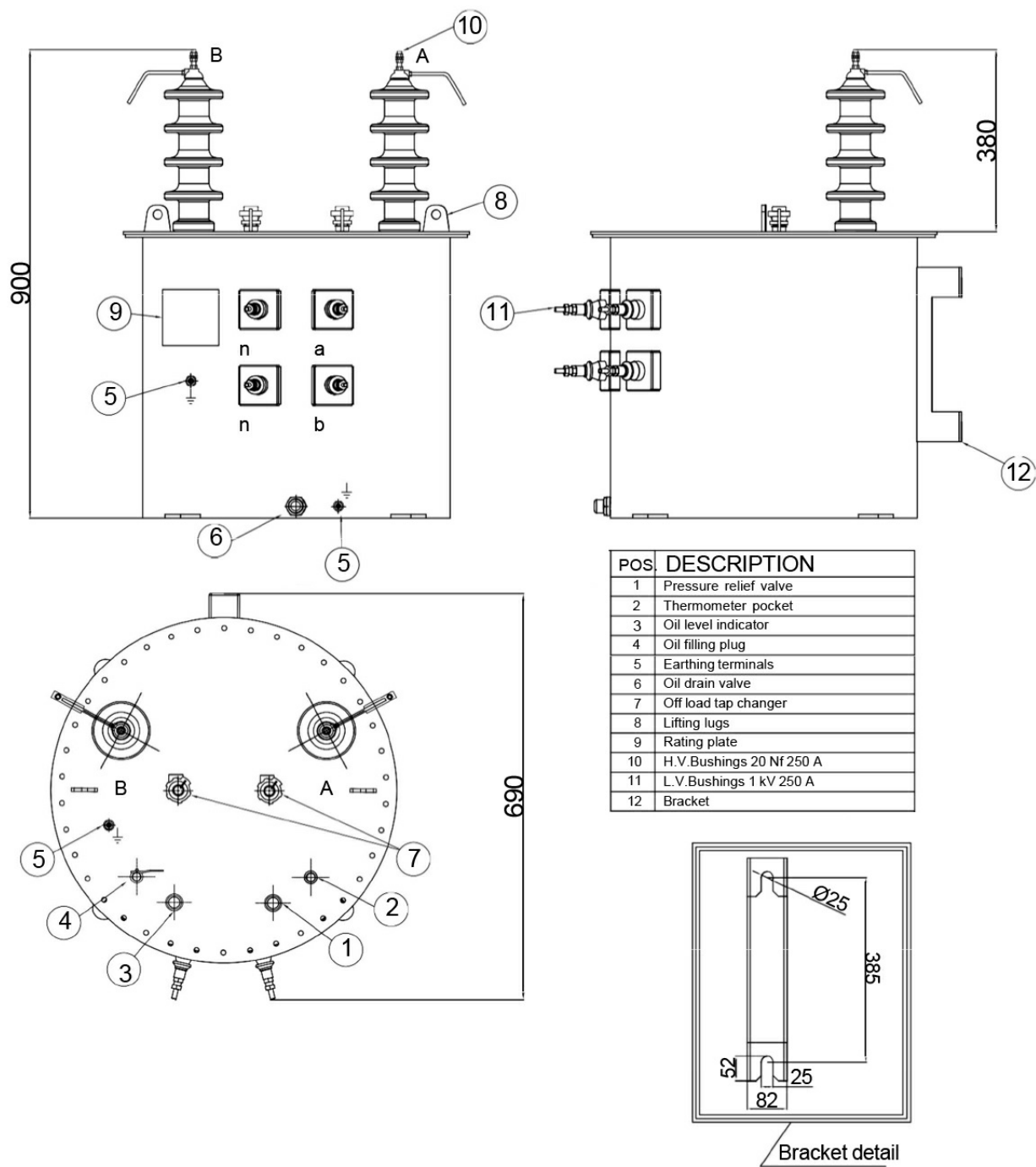
|                                       |                                                                                                                                                                                                                                                                                                                                        |
|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Accessories supplied with transformer | <ul style="list-style-type: none"><li>• Rating Plate</li><li>• Oil level indicator</li><li>• HV - LV Porcelain bushings</li><li>• Pressure relief valve</li><li>• Off load tap changer</li><li>• Earthing terminals</li><li>• Oil filling plug</li><li>• Oil drain valve</li><li>• Lifting Lugs</li><li>• Thermometer pocket</li></ul> |
|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

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## General Specifications

|                                       |                                                 |
|---------------------------------------|-------------------------------------------------|
| Type                                  | Pole Mounted / Oil Immersed Hermetically Sealed |
| Number of Phase                       | 3.0                                             |
| Frequency                             | 60.0 Hz                                         |
| Rated Power                           | 37.5 kVA                                        |
| Rated Voltages                        | 4.16 ( 7.2 ) / 0.12 ( 0.24 ) kV                 |
| Voltage Regulation Range              | $\pm 2 \times \% 2,5$ (Off load HV Side)        |
| Vector Group                          | Ii0                                             |
| Type of Cooling                       | ONAN                                            |
| Overload                              | According to IEC 354                            |
| Over Voltage                          | 0.05                                            |
| Impedance Voltage (at C.M.R. 75°C)    | 4,0 $\pm$ % 10                                  |
| Short Circuit Withstand Duration      | 2s                                              |
| Power Frequency Voltage Level (HV/LV) | 10 kV ( 20 kV ) / 3 kV                          |
| Impulse Voltage Level (BIL) (HV/LV)   | 40 kV ( 60 kV ) / -                             |
| Load Losses (at C.M.R. 75°C)          | 900.0 W                                         |
| No-Load Losses (at normal voltage)    | 270.0 W                                         |
| Max. Ambient Temperature              | 40.0 °C                                         |
| Windings Temperature Rise             | 65.0 °C                                         |
| Oil Temperature Rise                  | 60.0 °C                                         |
| Conductor Material                    | Electrolytic Aluminium                          |
| Standards                             | IEC 60076                                       |

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