



# TRANSFORMER

HV WITH ON-LOAD TAP CHANGER

| 3 PHASE                            |            | 60 Hz            |       | CORE FORM                                        |              | THREE LIMB                                |       | STANDARD IEEE C57.12     |                          |
|------------------------------------|------------|------------------|-------|--------------------------------------------------|--------------|-------------------------------------------|-------|--------------------------|--------------------------|
| TYPE OF COOLING                    |            | ONAN/ONAF1/ONAF2 |       |                                                  |              |                                           |       | OUTDOOR USE              |                          |
| WINDING                            | CONN. TO   | CAPACITY (MVA)   |       |                                                  | VOLTAGE (kV) | CURRENT (A)                               |       |                          | IMPULSE (BIL)            |
|                                    |            | ONAN             | ONAF1 | ONAF2                                            |              | ONAN                                      | ONAF1 | ONAF2                    |                          |
| HV                                 | H1, H2, H3 | 66               | 88    | 110                                              | 115          | 331                                       | 442   | 552                      | 550 kV<br>NEUTRAL 200 kV |
| LV                                 | X1, X2, X3 | 66               | 88    | 110                                              | 34.5         | 1104                                      | 1473  | 1841                     | 200 kV<br>NEUTRAL 200 kV |
| TV                                 | —          | —                |       |                                                  | (13.3)       | BURIED                                    |       |                          | 110 kV                   |
| LOAD CAPABILITY 40°C AMBIENT TEMP. |            |                  |       | INSULATING OIL                                   |              | MINERAL OIL PCB FREE                      |       | APPROXIMATE WEIGHTS      |                          |
| Wdg. TEMP. RISE BY RESISTANCE 65°C |            |                  |       | WINDING MATERIAL                                 |              | CORE & WINDINGS TANK & FITTINGS           |       | 160,600 lb<br>79,300 lb  |                          |
| OIL TEMP. RISE 65°C                |            |                  |       | WITHSTAND: COMPLETE TRANSFORMER ±15 PSI PRESSURE |              | TOTAL OIL 9,551 GALS.                     |       | 71,400 lb                |                          |
| IMPEDANCE % AT 115/34.5kV 66MVA    |            |                  |       |                                                  |              | TOTAL WEIGHT SHIPPING WEIGHT(WITHOUT OIL) |       | 311,500 lb<br>220,300 lb |                          |