



DOE 2016 Transformers

| | | | | | | |
|-----------|----------|----------|----------|------------|----------|------------|
| 9T | 1 | 0 | A | 100 | 1 | G31 |
|-----------|----------|----------|----------|------------|----------|------------|

GE Standard

1 = QL DOE 2016 Design

Transformer Type

| |
|----------------------------|
| 0 = Standard, K1 |
| 1 = K13 |
| 2 = K20 |
| 3 = K30 |
| 4 = K4 |
| 7 = Guard II/Servicecenter |
| 8 = Spare Parts |

Coil Material

| |
|--------------|
| A = Aluminum |
| C = Copper |

kVA Rating

| |
|--------------|
| 1 = 15kVA |
| 2 = 30kVA |
| 3 = 45kVA |
| 4 = 75kVA |
| 5 = 112.5kVA |
| 6 = 150kVA |
| 7 = 225kVA |
| 8 = 300kVA |
| 9 = 500kVA |

Voltage Rating

See Voltage Chart on back page

Group Number

| | |
|--|--|
| G01 = 150°C | G34 = 115°C, Electrostatic Shield†, -3dB |
| G02 = 150°C, -3dB | G35 = 115°C, -5dB |
| G03 = 150°C, Electrostatic Shield† | G36 = 115°C, Electrostatic Shield†, -5dB |
| G04 = 150°C, Electrostatic Shield†, -3dB | G39 = 115°C, Non-STD kVA |
| G05 = 150°C, -5dB | G40 = 115°C, Non-STD kVA |
| G06 = 150°C, Electrostatic Shield†, -5dB | G61 = 80°C |
| G09 = 150°C, Non-STD kVA | G62 = 80°C, -3dB |
| G10 = 150°C, Non-STD kVA | G63 = 80°C, Electrostatic Shield† |
| G29 = 140°C, 40°C amb | G64 = 80°C, Electrostatic Shield†, -3dB |
| G30 = 140°C, 50°C amb | G65 = 80°C, -5dB |
| G31 = 115°C | G66 = 80°C, Electrostatic Shield†, -5dB |
| G32 = 115°C, -3dB | G69 = 80°C, Non-STD kVA |
| G33 = 115°C, Electrostatic Shield† | G70 = 80°C, Non-STD kVA |

†An Electrostatic Shield (also called a Guard I transformer) is a grounded, copper-foil barrier between the primary and secondary winding to reduce electrical noise. All K-Factor transformers contain an Electrostatic Shield.

GE Transformers TP-1 to DOE 2016 Product Number Conversion Guide K Factor =1, 480 Volts Primary, 208Y/120 Volts Secondary, Standard Sound Level

| NEMA TP-1 | Coil Material* | ES Shield | KVA | Temp Rise | DOE 2016 |
|--------------|----------------|-----------|-------|-----------|--------------|
| 9T83B3871 | AL | N | 15 | 150 | 9T10A1001 |
| 9T83B3871G03 | AL | Y | 15 | 150 | 9T10A1001G03 |
| 9T83B3871G15 | AL | N | 15 | 115 | 9T10A1001G31 |
| 9T83B3871G13 | AL | Y | 15 | 115 | 9T10A1001G33 |
| 9T83B3871G80 | AL | N | 15 | 80 | 9T10A1001G61 |
| 9T83B3871G83 | AL | Y | 15 | 80 | 9T10A1001G63 |
| 9T83B3872 | AL | N | 30 | 150 | 9T10A1002 |
| 9T83B3872G03 | AL | Y | 30 | 150 | 9T10A1002G03 |
| 9T83B3872G15 | AL | N | 30 | 115 | 9T10A1002G31 |
| 9T83B3872G13 | AL | Y | 30 | 115 | 9T10A1002G33 |
| 9T83B3242G80 | AL | N | 30 | 80 | 9T10A1002G61 |
| 9T83B3872G83 | AL | Y | 30 | 80 | 9T10A1002G63 |
| 9T83B3873 | AL | N | 45 | 150 | 9T10A1003 |
| 9T83B3873G03 | AL | Y | 45 | 150 | 9T10A1003G03 |
| 9T83B3873G15 | AL | N | 45 | 115 | 9T10A1003G31 |
| 9T83B3873G13 | AL | Y | 45 | 115 | 9T10A1003G33 |
| 9T83B3873G80 | AL | N | 45 | 80 | 9T10A1003G61 |
| 9T83B3873G83 | AL | Y | 45 | 80 | 9T10A1003G63 |
| 9T83B3874 | AL | N | 75 | 150 | 9T10A1004 |
| 9T83B3874G03 | AL | Y | 75 | 150 | 9T10A1004G03 |
| 9T83B3874G15 | AL | N | 75 | 115 | 9T10A1004G31 |
| 9T83B3874G13 | AL | Y | 75 | 115 | 9T10A1004G33 |
| 9T83B3874G80 | AL | N | 75 | 80 | 9T10A1004G61 |
| 9T83B3874G83 | AL | Y | 75 | 80 | 9T10A1004G63 |
| 9T83B3875 | AL | N | 112.5 | 150 | 9T10A1005 |

| NEMA TP-1 | Coil Material* | ES Shield | KVA | Temp Rise | DOE 2016 |
|--------------|----------------|-----------|-------|-----------|--------------|
| 9T83B3875G03 | AL | Y | 112.5 | 150 | 9T10A1005G03 |
| 9T83B3875G15 | AL | N | 112.5 | 115 | 9T10A1005G31 |
| 9T83B3875G13 | AL | Y | 112.5 | 115 | 9T10A1005G33 |
| 9T83B3875G80 | AL | N | 112.5 | 80 | 9T10A1005G61 |
| 9T83B3875G83 | AL | Y | 112.5 | 80 | 9T10A1005G63 |
| 9T83B3876 | AL | N | 150 | 150 | 9T10A1006 |
| 9T83B3876G03 | AL | Y | 150 | 150 | 9T10A1006G03 |
| 9T83B3876G15 | AL | N | 150 | 115 | 9T10A1006G31 |
| 9T83B3876G13 | AL | Y | 150 | 115 | 9T10A1006G33 |
| 9T83B3876G80 | AL | N | 150 | 80 | 9T10A1006G61 |
| 9T83B3876G83 | AL | Y | 150 | 80 | 9T10A1006G63 |
| 9T83B3877 | AL | N | 225 | 150 | 9T10A1007 |
| 9T83B3877G03 | AL | Y | 225 | 150 | 9T10A1007G03 |
| 9T83B3877G15 | AL | N | 225 | 115 | 9T10A1007G31 |
| 9T83B3877G13 | AL | Y | 225 | 115 | 9T10A1007G33 |
| 9T83B3877G80 | AL | N | 225 | 80 | 9T10A1007G61 |
| 9T83B3877G83 | AL | Y | 225 | 80 | 9T10A1007G63 |
| 9T83B3878 | AL | N | 300 | 150 | 9T10A1008 |
| 9T83B3878G03 | AL | Y | 300 | 150 | 9T10A1008G03 |
| 9T83B3878G15 | AL | N | 300 | 115 | 9T10A1008G31 |
| 9T83B3878G13 | AL | Y | 300 | 115 | 9T10A1008G33 |
| 9T83B3878G80 | AL | N | 300 | 80 | 9T10A1008G61 |
| 9T83B3878G83 | AL | Y | 300 | 80 | 9T10A1008G63 |
| 9T83B3879 | AL | N | 500 | 150 | 9T10A1009 |
| 9T83B3879G03 | AL | Y | 500 | 150 | 9T10A1009G03 |

*For DOE 2016 copper coil product numbers, change "A" to "C".
Example: 9T10A1004 changes to 9T10C1004.



GE DOE 2016 Transformers Feature...

- Outward facing mounting feet for faster installation
- Lug kit included up to 150kVA
- Copper ground bar kit included
- Larger interior clearances for easier wiring & enhanced safety

3-Phase Common Voltages

| Series | Primary Voltage | Secondary Voltage |
|--------|-----------------|-------------------|
| 100 | 480 | 208Y/120 |
| 101 | 480 | 220 |
| 102 | 480 | 220Y/127 |
| 103 | 480 | 208 |
| 104 | 480 | 230Y/133 |
| 105 | 480 | 240Y/139 |
| 106 | 480 | 380 |
| 107 | 480 | 380Y/219 |
| 108 | 480 | 400Y/231 |
| 109 | 480 | 415Y/240 |
| 110 | 480 | 480 |
| 111 | 480 | 575 |
| 112 | 480 | 600 |
| 113 | 480 | 440Y/254 |
| 114 | 480 | 600Y/346 |
| 115 | 480 | 440 |
| 116 | 480 | 230/115 |
| 117 | 480 | 480Y/277 |
| 118 | 480 | 240/120 |
| 119 | 480 | 240 |
| 121 | 480 | 220/110 |
| 123 | 480 | 400 |
| 124 | 480 | 460 |
| 125 | 480 | 420 |
| 126 | 480 | 230 |
| 127 | 480 | 575Y/332 |
| 129 | 480 | 460Y/266 |
| 131 | 208 | 240 |
| 132 | 208 | 240/120 |
| 133 | 208 | 480 |
| 134 | 208 | 480Y/277 |
| 135 | 208 | 380Y/219 |
| 136 | 208 | 230 |
| 137 | 208 | 575 |
| 138 | 208 | 460 |
| 139 | 208 | 400Y/231 |
| 140 | 208 | 208 |
| 141 | 208 | 230Y/133 |
| 142 | 208 | 380 |
| 143 | 208 | 220/110 |
| 144 | 208 | 220Y/127 |
| 145 | 208 | 208Y/120 |
| 146 | 208 | 400 |
| 147 | 208 | 315 |
| 148 | 208 | 600 |
| 149 | 208 | 460Y/266 |
| 150 | 208 | 220 |
| 151 | 208 | 230/115 |
| 152 | 208 | 415Y/240 |
| 153 | 240 | 480Y/277 |
| 154 | 240 | 480 |
| 155 | 240 | 400Y/231 |
| 157 | 240 | 575 |
| 158 | 240 | 460Y/266 |
| 159 | 240 | 240Y/139 |
| 160 | 240 | 600 |
| 161 | 240 | 208Y/120 |
| 162 | 240 | 380 |
| 163 | 240 | 440 |
| 164 | 240 | 240/120 |
| 165 | 240 | 380Y/219 |

| Series | Primary Voltage | Secondary Voltage |
|--------|-----------------|-------------------|
| 166 | 220 | 380Y/219 |
| 167 | 220 | 400Y/231 |
| 168 | 220 | 240Y/139 |
| 169 | 220 | 220 |
| 170 | 220 | 208Y/120 |
| 171 | 220 | 480Y/277 |
| 172 | 220 | 440Y/254 |
| 173 | 220 | 480/240 |
| 174 | 220 | 480 |
| 175 | 220 | 415Y/240 |
| 176 | 380 | 220Y/127 |
| 177 | 380 | 480 |
| 178 | 380 | 220 |
| 179 | 380 | 208Y/120 |
| 180 | 380 | 415Y/240 |
| 181 | 380 | 240/120 |
| 184 | 380 | 480Y/277 |
| 185 | 380 | 380Y/219 |
| 186 | 380 | 230Y/133 |
| 187 | 380 | 240 |
| 188 | 440 | 220Y/127 |
| 189 | 440 | 480 |
| 190 | 440 | 208Y/120 |
| 191 | 440 | 380 |
| 192 | 440 | 380Y/219 |
| 193 | 440 | 400Y/231 |
| 194 | 440 | 575Y/332 |
| 195 | 440 | 240/120 |
| 196 | 440 | 480Y/277 |
| 197 | 440 | 240 |
| 198 | 230 | 460 |
| 199 | 230 | 400Y/231 |
| 200 | 230 | 400 |
| 201 | 230 | 480Y/277 |
| 202 | 230 | 208Y/120 |
| 203 | 230 | 480 |
| 204 | 400 | 230Y/133 |
| 205 | 400 | 380Y/219 |
| 206 | 400 | 480 |
| 207 | 400 | 220Y/127 |
| 209 | 400 | 400Y/231 |
| 210 | 400 | 208Y/120 |
| 211 | 400 | 208Y/120 |
| 212 | 400 | 480Y/277 |
| 213 | 415 | 208Y/120 |
| 214 | 415 | 460 |
| 215 | 415 | 220Y/127 |
| 216 | 416 | 208Y/120 |
| 217 | 416 | 480Y/277 |
| 218 | 460 | 208Y/120 |
| 219 | 460 | 220 |
| 221 | 460 | 400Y/231 |
| 222 | 460 | 220Y/127 |
| 223 | 460 | 230 |
| 224 | 460 | 575Y/332 |
| 225 | 460 | 230Y/133 |
| 226 | 460 | 460Y/266 |
| 227 | 550 | 208Y/120 |
| 228 | 550 | 480Y/277 |
| 229 | 575 | 208Y/120 |
| 230 | 575 | 480Y/277 |

| Series | Primary Voltage | Secondary Voltage |
|--------|-----------------|-------------------|
| 231 | 575 | 240Y/139 |
| 232 | 575 | 460 |
| 233 | 575 | 480 |
| 234 | 575 | 230Y/133 |
| 235 | 575 | 230 |
| 236 | 600 | 240/120 |
| 237 | 600 | 480 |
| 238 | 600 | 480Y/277 |
| 239 | 600 | 240 |
| 240 | 600 | 208Y/120 |
| 241 | 600 | 230Y/133 |
| 242 | 600 | 240Y/139 |
| 243 | 600 | 208 |
| 244 | 600 | 600Y/346 |
| 245 | 690 | 400Y/231 |
| 246 | 690 | 208Y/120 |
| 247 | 277 | 415Y/240 |
| 248 | 315 | 208Y/120 |
| 249 | 320 | 480Y/277 |
| 250 | 420 | 480Y/277 |
| 251 | 490 | 480Y/277 |
| 252 | 500 | 480Y/277 |

3P Servicenter Product Numbers - DOE 2016

| Material | KVA | Primary Voltage | Secondary Voltage | Product Number |
|----------|------|-----------------|-------------------|----------------|
| AL | 15 | 240 | 208Y/120 | 9T17A0001 |
| | 22.5 | 240 | 208Y/120 | 9T17A0002 |
| | 30 | 240 | 208Y/120 | 9T17A0003 |
| | 15 | 480 | 208Y/120 | 9T17A0011 |
| | 22.5 | 480 | 208Y/120 | 9T17A0012 |
| | 30 | 480 | 208Y/120 | 9T17A0013 |
| | 15 | 600 | 208Y/120 | 9T17A0021 |
| | 22.5 | 600 | 208Y/120 | 9T17A0022 |
| | 30 | 600 | 208Y/120 | 9T17A0023 |
| | 15 | 240 | 208Y/120 | 9T17C0004 |
| | 22.5 | 240 | 208Y/120 | 9T17C0005 |
| | 30 | 240 | 208Y/120 | 9T17C0006 |
| CU | 15 | 480 | 208Y/120 | 9T17C0014 |
| | 22.5 | 480 | 208Y/120 | 9T17C0015 |
| | 30 | 480 | 208Y/120 | 9T17C0016 |
| | 15 | 600 | 208Y/120 | 9T17C0024 |
| | 22.5 | 600 | 208Y/120 | 9T17C0025 |
| | 30 | 600 | 208Y/120 | 9T17C0026 |

Guard II Product Numbers - DOE 2016

| Material | KVA | Primary Voltage | Secondary Voltage | Product Number |
|----------|-------|-----------------|-------------------|----------------|
| AL | 15 | 480 | 208Y/120 | 9T17A1001G03 |
| | 30 | 480 | 208Y/120 | 9T17A1002G03 |
| | 45 | 480 | 208Y/120 | 9T17A1003G03 |
| | 75 | 480 | 208Y/120 | 9T17A1004G03 |
| | 112.5 | 480 | 208Y/120 | 9T17A1005G03 |
| CU | 15 | 480 | 208Y/120 | 9T17C1001G03 |
| | 30 | 480 | 208Y/120 | 9T17C1002G03 |
| | 45 | 480 | 208Y/120 | 9T17C1003G03 |
| | 75 | 480 | 208Y/120 | 9T17C1004G03 |
| | 112.5 | 480 | 208Y/120 | 9T17C1005G03 |

