



| Primary Volts | Connect Primary Lines To | Inter-Connect | Connect Secondary Lines To |
|---------------|--------------------------|---------------|----------------------------|
| 504 | H1, H2, H3 | 1 | |
| 492 | H1, H2, H3 | 2 | |
| 480 | H1, H2, H3 | 3 | |
| 468 | H1, H2, H3 | 4 | |
| 456 | H1, H2, H3 | 5 | |
| 444 | H1, H2, H3 | 6 | |
| 432 | H1, H2, H3 | 7 | |

| Secondary Volts | | | |
|-----------------|--|--|----------------------------------|
| 480 | | | X1, X2, X3 |
| 277 1 phase | | | X1 to X0 X2 to X0 X3 to X0 |

KEY: DENOTES CONDUIT AREAS

NOTE: PRIMARY AND SECONDARY BUS AREA IN FRONT OF CASE.

REVISIONS

NOTES:

1. Dry Type
2. Class AA
3. Ventilated
4. Paint - #61 ANSI



| KVA | CATALOG NUMBER | VOLTAGE | | LUG KIT | WEIGHT | PHASE | FREQUENCY |
|-----------------------|--------------------|---------------------------------|----------|------------|---------|-----------------------------------|-----------|
| | | HIGH | LOW | | | | |
| 45 | T3045K0053B | 480Δ | 480Y/277 | | 500 Lbs | 3φ | 60Hz |
| Temp Rise: | 150°C | TYPICAL PERFORMANCE DATA | | | | Typical Efficiency @ 35% | 98.50% |
| Insulation: | 220°C | Regulation @ 100% PF | 2.40% | Windings: | AL | Typical No Load Losses: | 132.18 |
| NEMA ST20 Standard: | 45 dB | Standards: | UL/CSA | Impedance: | 4.45% | 100% Load (Typ) Load Losses (I²R) | 1183.60 |
| Electrostatic Shield: | Option | Approvals: | DOE-2016 | Enclosure: | 3R | Total Load Losses: | 1315.78 |

DATE: 12-Jan-16

TYPE NO:

CASE 1

Meets US DOE 2016 Efficiency