

## 600 VOLT CLASS DISTRIBUTION TRANSFORMERS

General purpose distribution transformers are rated for 600 volts and below. They are generally used for supplying appliance, lighting, motorized machine and power loads from electrical distribution systems. They are either ventilated or totally enclosed, and are available in standard ratings from 50 VA up to 750 kVA.

Hammond shielded distribution transformers provide a copper electrostatic shield between the primary and secondary windings. The shield is grounded and thus shunts most noise and transients to the ground path rather than passing them through to the secondary. Applications for shielded transformers are similar to those above, and they are ideal for commercial or electrical installations where electronic circuitry operating at low voltage DC is present and is very sensitive to 'noise'.

### ALUMINUM & COPPER, SINGLE PHASE STANDARD SPECIFICATIONS



	15 to 50 kVA	75 to 167 kVA
<b>UL Listed</b>	File: E112313	File: E112313
<b>CSA Certified</b>	File: LR3902	File: LR3902
<b>Frequency</b>	60 Hz	60 Hz
<b>Insulation System</b>	220°C (150°C rise) Optional NEMA 4, 4X (stainless) and 12	220°C (150°C rise) Optional NEMA 4, 4X (stainless) and 12
<b>Enclosure Type</b>	Heavy Duty Ventilated NEMA Type 3R Optional NEMA 4, 4X(stainless steel) and 12	Heavy Duty Ventilated NEMA Type 3R Optional NEMA 4, 4X(stainless steel) and 12
<b>Enclosure Finish</b>	ANSI 61 Grey, UL50	ANSI 61 Grey, UL50
<b>Standard Primary Taps</b>	Refer to wiring diagrams for details.	Refer to wiring diagrams for details.
<b>Termination</b>	Front accessible separate high and low voltage terminals; connectors suitable for aluminum and copper are provided for easy cable installation.	Front accessible separate high and low voltage terminals; connectors suitable for aluminum and copper are provided for easy cable installation.
<b>Conduit Knock-Outs</b>	Standard on all units.	Standard on 75 kVA & 100 kVA units.
<b>Impedance</b>	Typically 3 to 6%.	Typically 3 to 6%.
<b>Mounting</b>	Standard floor & wall mounting. Optional ceiling mounting requires drip plate kit.	Floor mounting only.
<b>Sound Level</b>	Meets NEMA ST-20 standards. (optional Low Noise units available on request)	Meets NEMA ST-20 standards. (optional Low Noise units available on request)

*Other voltages not listed in this section are available upon request for both aluminum and copper wound units. Please contact customer service for details, price and availability.*

