

Transformer Lug Kit

For Use with Stranded Aluminum or Copper Code Conductors

Type KLM

- Kits include all of the connectors and hardware to make a complete transformer connection in a single convenient package
- Lugs are made from high strength, extruded aluminum alloy and are tin-plated to inhibit corrosion and oxidation
- Plated steel cap screws, belleville and flat washers, and hex nuts are provided to assure that terminal to bus connections are made using proper hardware resulting in true torque to pressure performance
- Hardware is packaged in a sealed plastic bag to prevent lost hardware prior to installation
- KLM6-800 and KLM350-800 kits include lugs that accommodate 750 kcmil conductors used with large transformers
- Lugs are UL Listed and CSA Certified for use up to 600 V and UL temperature rated 90°C



| Part Number | Transformer KVA Rating | Aluminum Mechanical Lug | | Conductor Size Range | Hardware (Sizes in Inches) | | | | | |
|-------------|--|-------------------------|------|---|--|---------|----------------------------|---------|--------------------------------|-----------------|
| | | Part No. | Qty. | | Hex Bolt Size | Qty. | Nut Size | Qty. | Washer Size | Qty. |
| KLM14-250Y | 15 – 37.5 KVA 1PH 15 – 45 KVA 3PH | LAMA2-14 | 8 | #14 – 2 AWG | 1/4 – 20 x 3/4 HH | 8 | 1/4 – 20 HN | 8 | 1/4 FLAT | 16 |
| | | LAMA250-56 | 4 | | | | | | #6 AWG – 250 kcmil | 1/4 – 20 x 2 HH |
| KLM6-250Y | 50 – 75 KVA 1 PH 75 – 112.5 KVA 3 PH | LAMA250-56 | 12 | #6 AWG – 250 kcmil | 1/4 – 20 x 3/4 HH | 8 | 1/4 – 20 HN | 16 | 1/4 FLAT 1/4 CMP | 32 |
| KLM6-600Y | 100 – 167 KVA 1PH 150 – 300 KVA 3 PH | LAMA250-56 | 3 | #6 AWG – 250 kcmil #4 AWG – 600 kcmil | 1/4 – 20 x 3/4 HH 3/8 – 16 x 2 HH | 3 16 | 1/4 – 20 HN 3/8 – 16 HN | 3 16 | 3/8 FLAT | 32 |
| | | LAMA600-38 | 3 | | | | | | 1/4 FLAT 3/8 CMP 1/4 CMP | 6 16 3 |
| KLM6-800Y | 100 – 167 KVA 1 PH 150 – 300 KVA 3 PH | LAM2A350-12 | 6 | #6 AWG – 350 kcmil 350 kcmil – 800 kcmil | 1/2 – 13 x 2 HH | 5 | 1/2 – 13 HN | 11 | 1/2 FLAT | 22 |
| | | LAM2A800-58 | 7 | | 1/2 – 13 x 2 1/2 HH | 6 | 1/2 – 13 HN | 11 | 1/2 FLAT 1/2 CMP | 11 |
| KLM350-800Y | 500 KVA 3 PH | LAM2A800-58 | 15 | 350 kcmil – 800 kcmil | 1/2 – 13 x 2 HH 1/2 – 13 x 2 1/2 HH | 7 4 | 1/2 – 13 HN | 11 | 1/2 FLAT 1/2 CMP | 22 11 |

Suffix: HH = Hex Head; HN = Hex Nut; FLAT = Flat Washer; CMP = Compression Washer.

The use of Panduit oxide inhibiting joint compound (CMP-100) is recommended for pad to pad and conductor connections. See page D2.155.

A.
System
Overview

B1.
Cable Ties

B2.
Cable
Accessories

B3.
Stainless
Steel Ties

C1.
Wiring
Duct

C2.
Surface
Raceway

C3.
Abrasion
Protection

C4.
Cable
Management

D1.
Terminals

D2.
Power
Connectors

D3.
Grounding
Connectors

E1.
Labeling
Systems

E2.
Labels

E3.
Pre-Printed
& Write-On
Markers

E4.
Permanent
Identification

E5.
Lockout/
Tagout
& Safety
Solutions

F.
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