

**MERAMEC**Instrument Transformer Co.
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DWG. No.

410-400-003B

REVISION

02DRAWN:
rmDATE:
06/23/2010APPROVED:
*Kary P. Williams*CHECKED:
RMDATE:
06/23/2010

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TITLE:
**LEAD WIRE SPECIFICATION, TYPE THHN
PRE BUNDLED ASSEMBLY**

- Purpose:** To define the minimum requirements for pre-bundled lead wire type THHN.
- Scope:** All sizes that are type THHN used on instrument transformers produced by Meramec.
- References:** See Specification 410-400-000 for Lead Wire part number definition.
UL standard 83, UL standard 1063 (MTW), UL subject 758 (AWM), CSA 22.2

General Specifications:

- Insulation Class:** -40°C / +90°C thermal 600V dielectric
- Insulation Type:** Thermoplastic Polyvinyl Chloride PVC, covered with
T90 nylon outer sheathing of 0.004" nominal thickness
- Size & Color:** Size & color scheme as defined by p/n (SEE PAGE 2).
- Bundle:** Leads twisted together, 1 full twist every 6" maximum.
Held with ¼" Type II unwaxed polyester lacing tape,
1 full twist every 3.5" maximum.
- Loop each end of the lacing ends and secure with filament tape.

REV	DATE	BY	DESCRIPTION
01	10/25/17	CS	Updated company name and logo
02	04/29/2019	JH	Added additional "Bundle" requirements

