

Mini Meters
OEM Module

ENGLISH

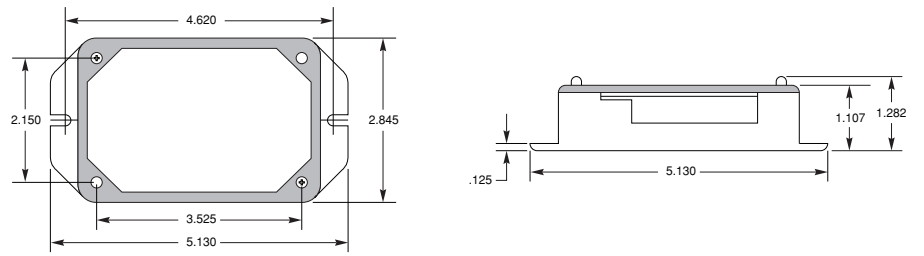
WARNING

- **WARNING: TO AVOID FIRE, SHOCK OR DEATH;** turn off all power supplying the equipment before performing any wiring operations. Use a properly rated voltage sensing device to confirm that power is off.
- Installation of electric meters requires working with possibly hazardous voltages. These instructions are meant to be a supplement to aid trained, qualified professionals.
- Installations should be done in accordance with local codes and current National Electric Code requirements.
- Equipment used in a manner not specified by this document impairs the protection provided by the equipment.

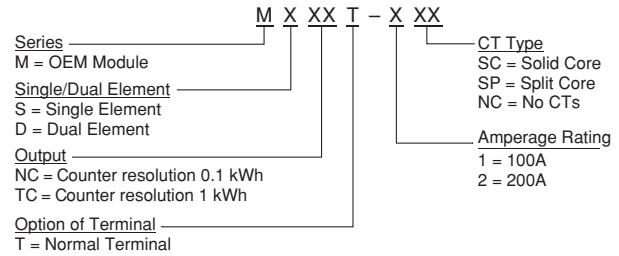
Specifications

	60 Hz	50 Hz
Supply Voltage Range (Line to Neutral)	108 - 132 VAC	216 - 264 VAC
Maximum Input Power	5 VA Max.	16 VA Max.
Line Frequency	60 Hz	50 Hz
Maximum Rated Current (100A/ 200A meters)	Primary: Max Rated Current +10% Secondary: 110mA (0.11A)	
Power Factor Range	0.5 lagging to 1.0 0.866 leading to 1.0	
Accuracy (from -20°C to 50°C)	Meets ANSI C12.20 (class 0.5%) with Leviton Solid Core CT's with 100 mA max output. Meter input burden resistance at 3 Ohms.	
Meter Operating and Storage Temperature	-30°C to 70°C	

Dimensions (inches)



Model Number Key



Connection Summary - The power and terminal block connections are identified as follows (from left to right):

L1	Power, Line 1 (black)
N	Neutral (white)
L2	Power, Line 2 (red) (used for dual element meters only)
CT1 - X1	Current transformer input, black (or colored) wire of CT1
CT1 - X2	Current transformer input, white wire of CT1
CT2 - X1	Current transformer input, red (or colored) wire of CT2 (used for dual element meters only)
CT2 - X2	Current transformer input, white wire of CT2 (used for dual element meters only)
Output - 10	Total Real Energy (kWh) consumption (energy delivered) pulse output, plus (+) connection. 10Wh pulse rate (5 watt hours on, 5 watt hours off)
Output - 100	Total Real Energy (kWh) consumption (energy delivered) pulse output, plus (+) connection. 100Wh pulse rate (50 watt hours on, 50 watt hours off)
Output - 1000 (Kh)	Total Real Energy (kWh) consumption (energy delivered) pulse output, plus (+) connection. 1kWh pulse rate (500 watt hours on, 500 watt hours off)
Output - Isol Com	Common (-) connection for 10 Wh, 100 Wh and 1000 Wh Isolated Pulse Outputs.
Counter 1	For 12 VDC electro-mechanical counter, no polarity (not isolated).
Counter 2	For 12 VDC electro-mechanical counter, no polarity (not isolated).
+12VDC	12 VDC @ 10 mA output (not isolated) for specialized applications such as a line powered transmitter. Use with COUNTER (2).

INSTALLATION GUIDELINES

Observe the following guidelines when installing current transformers and connecting them to a meter:

- For installation, power must be de-energized and the circuit opened in order to slip the CT over the power line.
- To reduce the risk of electric shock, always open or disconnect circuit from power-distribution system (or service) of building before installing or servicing current transformers.
- The current transformers may not be installed in equipment where they exceed 75 percent of the wiring space of any cross-sectional area within the equipment.
- Installation is intended for Overvoltage Category IV or Service Entrance.
- DO NOT install a current transformer in an area where it would block ventilation openings.
- DO NOT install a current transformer in area of breaker arc venting.
- Current transformers are not suitable for Class 2 wiring methods and are not intended for connection to Class 2 equipment.
- Secure current transformer and route conductors so that they do not directly contact live terminals or bus.
- Current transformer lead lengths may be extended up to 500 feet, although doing so may adversely affect the accuracy of meter readings. When extending lead lengths, use twisted wires matching the gauge of the CT's attached leads and follow NEC and local electrical codes.

Maximum Rated Current

100:0.1A CTs	Primary: 100A Secondary: 110mA (0.11A)
200:0.1A CTs	Primary: 200A Secondary: 110mA (0.11A)
Pollution Degree 2	Normally only non-conductive pollution occurs. Occasionally, however, a temporary conductivity caused by condensation must be expected.

For complete installation instructions specific to the meter being installed, please refer to the Mini Meters Installation and User's Manual at www.leviton.com.

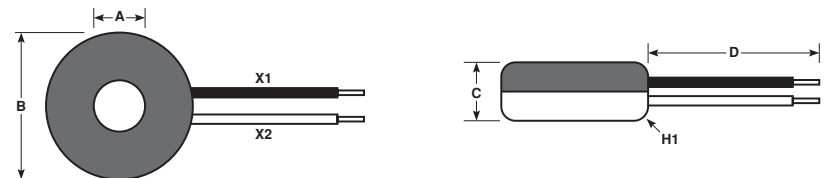
FOR CANADA ONLY

For warranty information and/or product returns, residents of Canada should contact Leviton in writing at Leviton Manufacturing of Canada Ltd to the attention of the Quality Assurance Department, 165 Hymus Blvd, Pointe-Claire (Quebec), Canada H9R 1E9 or by telephone at 1 800 405-5320.

LIMITED 5 YEAR WARRANTY AND EXCLUSIONS

Leviton warrants to the original consumer purchaser and not for the benefit of anyone else that this product at the time of its sale by Leviton is free of defects in materials and workmanship under normal and proper use for five years from the purchase date. Leviton's only obligation is to correct such defects by repair or replacement, at its option. For details visit www.leviton.com or call 1-800-824-3005. This warranty excludes and there is disclaimed liability for labor for removal of this product or reinstallation. This warranty is void if this product is installed improperly or in an improper environment, overloaded, misused, opened, abused, or altered in any manner, or is not used under normal operating conditions or not in accordance with any labels or instructions. There are no other or implied warranties of any kind, including merchantability and fitness for a particular purpose, but if any implied warranty is required by the applicable jurisdiction, the duration of any such implied warranty, including merchantability and fitness for a particular purpose, is limited to five years. Leviton is not liable for incidental, indirect, special, or consequential damages, including without limitation, damage to, or loss of use of, any equipment, lost sales or profits or delay or failure to perform this warranty obligation. The remedies provided herein are the exclusive remedies under this warranty, whether based on contract, tort or otherwise.

For Technical Assistance Call: 1-800-824-3005 - www.leviton.com



CT Size	A	B	C	D
100:0.1A	0.72" (18.3mm)	2.06" (52.3mm)	0.82" (20.8mm)	48.00" (1219mm)
200:0.1A				

Minicompteurs
Modules de fabricant

FRANÇAIS

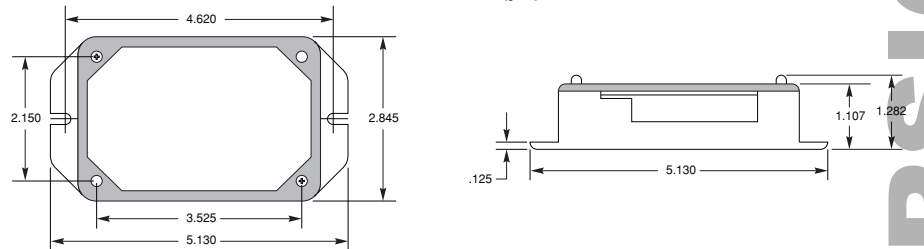
AVERTISSEMENT

- **AVERTISSEMENT : POUR ÉVITER LES RISQUES D'INCENDIE, DE DÉCHARGE ÉLECTRIQUE OU D'ÉLECTROCUTION,** couper toutes les sources d'alimentation des produits à installer avant de procéder à leur câblage.
- Se servir d'un détecteur de tension aux valeurs nominales appropriées pour s'assurer que le courant a bien été coupé.
- L'installation de compteurs électriques implique une exposition à des tensions possiblement dangereuses.
- Les présentes directives sont conçues en guise de supplément pour aider des professionnels formés et qualifiés.
- L'installation doit être effectuée conformément à tous codes locaux et nationaux de l'électricité.
- Pour qu'ils puissent offrir les protections indiquées, les produits décrits doivent être utilisés conformément aux présentes directives.

Fiche technique

	60 Hz	50 Hz
Plage de tensions d'alimentation (ligne à neutre)	108-132 V c.a.	216-264 V c.a.
Puissance d'entrée maximale	5 VA max.	16 VA max.
Fréquence de ligne	60 Hz	50 Hz
Courant nominal maximal (100/200 A/m)	Primaire : courant nominal + 10 % Secondaire : 110 mA (0,11 A)	
Plage de facteurs de puissance	0,5 à 1,0 (facteur inductif) 0,866 à 1,0 (facteur capacitif)	
Précision (de -20 à 50 °C)	Conforme à la norme ANSI C12.20 (0,5 %) en présence de transformateurs de courant à noyau monobloc de Leviton (sortie maximale de 100 mA) Résistance de charge des compteurs à 3 Ω.	
Température de fonctionnement et de rangement	-30 à 70 °C	

Dimensions (po)



Model Number Key

