

# APPROVED METER BASES

**\* NON-APPROVED METER BASES WILL NOT BE ENERGIZED BY GDE \***

**\* ALL METERS MUST HAVE A MINIMUM RATING OF 200 AMPS. \***

## SELF-CONTAINED METER BASES

	Size*	Type	Millbank	Durham	Siemens	Eaton
SINGLE PHASE	200 Amp	OH	U7021-DL-TG-BL	RS213N	UAT37HQU4	UTRS202BCH
	200 Amp	UG	U1980-D-BL	UTRS223A	UAS8 / UAS9 / HQW4	UTRS223ACH
	225 Amp	HOUSE MOD	---	---	WCL204081T1RJ	---
	320 Amp	OH	U1079-R-BL	---	HQST 4	UTH4300TCH
	320 Amp	UG	U1797-0-K3L-K2L-BL	---	HQDSW / SWD 4	UTH43369UCH
	320 Amp	OH / UG	U2448-X	H4330T	---	UTH4330TCH
THREE PHASE	200 Amp	OH / UG	U7423-RXL	H7213T	HQND5	---
	200 Amp	OH / UG	U9701-RRRL-BL	---	HQST 7 / HQW 7	---
	225 Amp	MODULE	---	---	WCL2040B2T1RJ	---
	225 Amp	MODULE	---	---	WCL2442B3T1RJ	---
	320 Amp	OH / UG	U2120-X	UT-H7330-U	HQST 7	---
	320 Amp	OH / UG	U2594-X	---	HQDSW / SWD 7	---
	600 Amp	OH / UG	U4667-XT-9506	---	(K-7T) 9817-9506	CH9506K7

\* Multi-ganged, stacked bases, or module bases may be approved on a case-by-case basis. \*

## INSTRUMENT RATED METER BASES

Size	Phase	Terminals	Millbank	Durham	Siemens	Eaton
20 Amp*	Single	8	UC7235-RL	R6821-8K	---	---
20 Amp**	Three	13	<b>These meter bases must be purchased from GDE.</b> <b>Contact <a href="mailto:ghooge@gdetn.com">ghooge@gdetn.com</a> for purchase.</b>			

\*8 Terminal base requires an automatic bypass switch.

\*\*13 Terminal base requires a Durham #1058 or Millbank #TS10-0111 (10 Pole) test switch

\*\*13 Terminal base must be pre-wired with test switch

## PEDESTAL SERVICE ENTRANCE

Size	Terminals	Midwest
200 Amp	4	R281C1P6H

## METER BASE SPECIFICATIONS & NOTES

**\* GDE MUST HAVE UNOBSTRUCTED ACCESS TO THE METER BASE. \***

**\* METER MAY NOT BE IN AN AREA CLOSED OFF BY A PORCH, DECK, PATIO, FENCE, WALL, SCREEN, ETC... \***

### **METER BASES**

1. Meters should be steel construction and UL approved (with label).
2. Meter location must be approved by GDE's Engineering Department.
3. Meter shall be surface mounted and on a permanent structure controlled by the customer.
4. Meter may not be in an area closed off by a porch, deck, patio, fence, wall, screen, etc...
5. GDE must have unobstructed access to the meter base.
6. There must be a six (6) foot clearance from any obstruction in front of the meter base.
7. Single and horizontal mounted gang bases shall be mounted five feet six inches (5'6") from final grade to center of meter opening.
8. Vertical mounted gang bases:
  - a. Shall be six (6) feet from final grade to center of top meter opening.
  - b. Shall have a three (3) foot minimum from final grade to center of bottom meter opening.
9. When facing the meter, the GDE service wire will enter the left side of the meter base, and customer load wires will exit the right side of the meter base.
10. Meters must be installed to NEC requirements.
11. Instrument rated bases shall have the ability to be shorted (for meter removal).
12. For any service that will be 600 Amps or higher, advanced notice must be given to GDE's Meter Department. Notice may be given via phone call (615-527-7006) or e-mail ([ghooge@gdetn.com](mailto:ghooge@gdetn.com)).

**Note:** All multi-ganged meter bases must be labeled per [Labeling for Multi-Metered Installations](#), see pg. 22). For additional information on installations, reference the [Meter Installations Page](#) on our website.

### **INSTRUMENT TRANSFORMERS**

1. All CT's and PT's will be provided by GDE.
2. Single phase cabinets must be steel or aluminum construction (36"x36"x12") with a ¾" plywood backing for mounting of instrument transformers.
3. Three phase cabinets must be steel or aluminum construction (48"x48"x12") with a ¾" plywood backing for mounting of instrument transformers.
4. CT cabinets must have provisions for a padlock.
5. There must not be any conduit through the top of the CT cabinet.
6. The electrician must provide:
  - a. Single Phase – 5 wires (black, red, brown, orange, white)
  - b. Three Phase – 7 wires (black, red, blue, brown, orange, yellow, white)
7. Marking tape will not be used on wires.
8. All CT and PT wires that are 100' or fewer will be #12 stranded copper conductors. Distances over 100' require approval from GDE.

**\* Questions? Contact GDE's Meter Department at (615) 527-7006 or [ghooge@gdetn.com](mailto:ghooge@gdetn.com). \***