

VerifEye Submetering Solutions

Cross Reference Guide - Effective March 1, 2025



Mini Meter Kits*—Indoor Enclosure					
Voltage	Amps	CTs Included	EMON P/N	Schneider Electric P/N	Leviton P/N
120/208V 1PH 3W or 120/240V 1PH 3W (Split Phase)	100	2 Solid CTs	—	—	MK240-1SW
	200		—	—	MK240-2SW
Mini Meter Kits*—Outdoor Enclosure					
Voltage	Amps	CTs Included	EMON P/N	Schneider Electric P/N	Leviton P/N
120/208V 1PH 3W or 120/240V 1PH 3W (Split Phase)	100	2 Solid CTs	—	—	MO240-1SW
	200		—	—	MO240-2SW
120/208V 1PH 3W or 120/240V 1PH 3W (Split Phase)	100		—	—	MO240-01W
	200		—	—	MO240-02W

*For MMU options for Mini Meters, consult factory.

NOTE: Kits include meter, specified enclosure and required current transformers. Other meter models are available to suit virtually any application. Visit leviton.com/verifeye for details.

Series 1000 Single Phase Meter Kits—Indoor Enclosure

Voltage	Amps	CTs Included	EMON P/N	Schneider Electric P/N	Leviton P/N
120V 1PH 2W	50	1 Split CT	E10-212050JKIT	EMKA934551L000504X	—
	100		E10-2120100JKIT	EMKA934551L001014X	1K120-01W
	200		E10-2121200JKIT	EMKA934551L002014X	1K120-02W
	400		—	EMKA934551L004034X	1K120-04W
	800		—	EMKA934551L008044X	1K120-08W
	100	1 SOLID CT	—	EMKA934551L201004X	1K120-1SW
	200		—	EMKA934551L202024X	1K120-2SW
120/208V 1PH 3W or 120/240V 1PH 3W (Split Phase)	50	2 Split CT	E10-320850JKIT	EMKA934552L000504X	—
	100		E10-3208100JKIT	EMKA934552L001014X	1K240-01W
	200		E10-3208200JKIT	EMKA934552L002014X	1K240-02W
	400		—	EMKA934552L004034X	1K240-04W
	800		—	EMKA934552L008044X	1K240-08W
	100	2 SOLID CT	—	EMKA934552L201004X	1K240-1SW
	200		—	EMKA934552L202024X	1K240-2SW
277V 1PH 2W	50	1 Split CT	E10-227750JKIT	EMKA934551L000504X	—
	100		E10-2277100JKIT	EMKA934551L001014X	1K277-01W
	200		E10-2277200JKIT	EMKA934551L002014X	1K277-02W
	400		—	EMKA934551L004034X	1K277-04W
	800		—	EMKA934551L008044X	1K277-08W
	100	1 SOLID CT	—	EMKA934551L201004X	1K277-1SW
	200		—	EMKA934551L202024X	1K277-2SW

Series 1000 Single Phase Meter Kits—Outdoor Enclosure

Voltage	Amps	CTs Included	EMON P/N	Schneider Electric P/N	Leviton P/N
120V 1PH 2W	50	1 Split CT	E10-212050RKIT	EMKA934551L000504X	—
	100		E10-2120100RKIT	EMKA934551L001014X	1O120-01W
	200		E10-2121200RKIT	EMKA934551L002014X	1O120-02W
	400		—	EMKA934551L004034X	1O120-04W
	800		—	EMKA934551L008044X	1O120-08W
120/208V 1PH 3W or 120/240V 1PH 3W (Split Phase)	50	2 Split CTs	E10-320850RKIT	EMKA934552L000504X	—
	100		E10-3208100RKIT	EMKA934552L001014X	1O240-01W
	200		E10-3208200RKIT	EMKA934552L002014X	1O240-02W
	400		—	EMKA934552L004034X	1O240-04W
	800		—	EMKA934552L008044X	1O240-08W
277V 1PH 2W	50	1 Split CT	E10-227750RKIT	EMKA934551L000504X	—
	100		E10-2277100RKIT	EMKA934551L001014X	1O277-01W
	200		E10-2277200RKIT	EMKA934551L002014X	1O277-02W
	400		—	EMKA934551L004034X	1O277-04W
	800		—	EMKA934551L008044X	1O277-08W

NOTE: Kits include meter, specified enclosure and required current transformers.

Series 2000 Three Phase Meter Kits*—Indoor Enclosure					
Voltage	Amps	CTs Included	EMON P/N	Schneider Electric P/N	Leviton P/N
120/208V 3PH 4W WYE kWh Meter	100	3 Split CTs	E20-208100-JKIT	EMKA934553L001014X	2K208-01D
	200		E20-208200-JKIT	EMKA934553L002014X	2K208-02D
	400		E20-208400-JKIT	EMKA934553L004034X	2K208-04D
	800		E20-208800-JKIT	EMKA934553L008034X	2K208-08D
	1200		—	EMKA934553L008034X	2K208-12D
	1600		E20-2081600JKIT	EMKA934553L016044X	—
	100	3 SOLID CTs	—	EMKA934553L201004X	2K208-1SW
	200		—	EMKA934553L202024X	2K208-2SW
277/480V 3PH 4W WYE kWh Meter	100	3 Split CTs	E20-480100-JKIT	EMKA934553L001014X	2K480-01D
	200		E20-480200-JKIT	EMKA934553L002014X	2K480-02D
	400		E20-480400-JKIT	EMKA934553L004034X	2K480-04D
	800		E20-480800-JKIT	EMKA934553L008034X	2K480-08D
	1200		—	EMKA934553L012044X	2K480-12D
	1600		E20-4801600JKIT	EMKA934553L016044X	—
	100	3 SOLID CTs	—	EMKA934553L201004X	2K480-1SW
	200		—	EMKA934553L202024X	2K480-2SW
120/208V 3PH 4W WYE Demand Meter	100	3 Split CTs	E20-208100-J-D-KIT	EMKA934553L001014X	2K208-01D
	200		E20-208200-J-D-KIT	EMKA934553L002014X	2K208-02D
	400		E20-208400-J-D-KIT	EMKA934553L004034X	2K208-04D
	800		E20-208800-J-D-KIT	EMKA934553L008034X	2K208-08D
	1200		E20-2081600J-D-KIT	EMKA934553L012044X	2K208-12D
	1600		E20-2081600J-D-KIT	EMKA934553L016044X	—
277/480V 3PH 4W WYE Demand Meter	100	3 Split CTs	E20-480100-J-D-KIT	EMKA934553L001014X	2K480-01D
	200		E20-480200-J-D-KIT	EMKA934553L002014X	2K480-02D
	400		E20-480400-J-D-KIT	EMKA934553L004034X	2K480-04D
	800		E20-480800-J-D-KIT	EMKA934553L008034X	2K480-08D
	1200		—	EMKA934553L012044X	2K480-12D
	1600		E20-4801600J-D-KIT	EMKA934553L016044X	—

*The Series 2000 Meter is WYE only and does not support Delta configurations. NOTE: Kits include meter, specified enclosure and required current transformers.

Series 2000 Single Phase Meter Kits*—Outdoor Enclosure

Voltage	Amps	CTs Included	EMON P/N	Schneider Electric P/N	Leviton P/N
120/208V 3PH 4W WYE kWh Meter	100	3 Split CTs	E20-208100-RKIT	EMKA934553L001014X	20208-01W
	200		E20-208200-RKIT	EMKA934553L002014X	20208-02W
	400		E20-208400-RKIT	EMKA934553L004034X	20208-04W
	800		E20-208800-RKIT	EMKA934553L008034X	20208-08W
	1200		—	EMKA934553L012044X	20208-12W
	1600		E20-2081600RKIT	EMKA934553L016044X	—
277/480V 3PH 4W WYE kWh Meter	100	3 Split CTs	E20-480100-RKIT	EMKA934553L001014X	20480-01W
	200		E20-480200-RKIT	EMKA934553L002014X	20480-02W
	400		E20-480400-RKIT	EMKA934553L004034X	20480-04W
	800		E20-480800-RKIT	EMKA934553L008034X	20480-08W
	1200		—	EMKA934553L012044X	20480-12W
	1600		E20-4801600-RKIT	EMKA934553L0160044X	—

*The Series 2000 Meter is WYE only and does not support Delta configurations. NOTE: Kits include meter, specified enclosure and required current transformers.

Series 4000 Industrial ModBus Meter Kits—Outdoor Enclosure

Voltage	Amps	CTs Included	EMON P/N	Schneider Electric P/N	Leviton P/N
90-600V 3PH 3W/4W W or Delta (L-N Max 347V)	100	3 Split CTs	E32-208/480/600100-RRTU or JRTU-KIT	—	40UMR-01M
	200		E32-208/480/600200-RRTU or JRTU-KIT	—	40UMR-02M
	400		E32-208/480/600400-RRTU or JRTU-KIT	—	40UMR-04M
	800		E32-208/480/600800-RRTU or JRTU-KIT	—	40UMR-08M
	50-5000	3, 12" Rogowski Coil CT	E32-208/480/6001600- RRTU or JRTU-KIT	—	40UMR-R12
	50-5000	3, 18" Rogowski Coil CT	E32-208/480/6003200- RRTU or JRTU-KIT	—	40UMR-R18
	50-5000	3, 18" Rogowski Coil CT	E32-408/480/6003200- RRTU or JRTU-KIT	—	40UMR-R24

Series 4100 Bidirectional ModBus RTU Meter Kits—Outdoor NEMA Enclosure

Voltage	Amps	CTs Included	EMON P/N	Schneider Electric P/N	Leviton P/N
90-600V 3PH 3W/4W WYE or Delta (L-N Max 347V) ModBus	100	3 Split CTs	E50-208/480/600100-R02	—	410UM-01M
	200		E50-208/480/600200-R02 or J02-N-KIT	—	410UM-02M
	400		E50-208/480/600400-R02 or J02-N-KIT	—	410UM-04M
	800		E50-208/480/600800-R02 or J02-N-KIT	—	410UM-08M
	50-5000	3, 12" Rogowski Coil CT	E50-08/480/6001600-R02 or J02-N-KIT	—	410UM-12R
	50-5000	3, 18" Rogowski Coil CT	E50-08/480/6003200-R02 or J02-N-KI	—	410UM-18R
	50-5000	3, 18" Rogowski Coil CT	E50-08/480/6003200-R02 or J02-N-KIT	—	410UM-24R

NOTE: Kits include meter, specified enclosure and required current transformers.

Series 4100 Bidirectional BACnet MS/TP Meter Kits—Outdoor NEMA Enclosure

Voltage	Amps	CTs Included	EMON P/N	Schneider Electric P/N	Leviton P/N
90-600V 3PH 3W/4W WYE or Delta (L-N Max 347V) BACnet/MS/TP	100	3 Split CTs	E50-208/480/600100-R03 or J03-N-KIT	—	410UB-01B
	200		E50-208/480/600200-R03 or J03-N-KIT	—	410UB-02B
	400		E50-208/480/600400-R03 or J03-N-KIT	—	410UB-04B
	800		E50-208/480/600800-R03 or J03-N-KIT	—	410UB-08B
	50-5000	3, 12” Rogowski Coil CT	E50-08/480/6001600-R03 or J03-N-KIT	—	410UB-12R
	50-5000	3, 18” Rogowski Coil CT	E50-08/480/6003200-R03 or J03-N-KIT	—	410UB-18R
	50-5000	3, 18” Rogowski Coil CT	E50-08/480/6003200-R03 or J03-N-KIT	—	410UB-24R

NOTE: Kits include meter, specified enclosure and required current transformers.

Series 6000 Industrial Panel Mount Meters

Voltage	Amps	CTs Options	EMON P/N	Schneider Electric P/N	Leviton P/N
Universal 3PH 3W/4W	.50-7200	Series 6000 Solid Core,			60P00-000
		Series 6000 Split Core, Series 6000 Rogowski CT			61P00-000

NOTE: CTs and cables are ordered separately

Series 7000 Advanced 3-Phase Meters

Voltage	Amps	CT Options*	EMON P/N	Schneider Electric P/N	Leviton P/N
1PH/2W 2PH/3W 3PH/4W 3PH/3W Delta	50-4000	Solid Core, Split Core, Rogowski CT			70D03-000
					71D03-000

Series 7000 Advanced Branch Circuit Monitors—48 Input Meters

Voltage	Amps	CT Options*	EMON P/N	Schneider Electric P/N	Leviton P/N
1PH/2W 2PH/3W 3PH/4W 3PH/3W Delta	50-4000	Solid Core, Split Core, Rogowski CT	—	—	70D48-000
			—	—	71D48-000

Series 7000 Advanced Branch Circuit Monitors—24 Input Meters

Voltage	Amps	CT Options*	EMON P/N	Schneider Electric P/N	Leviton P/N
1PH/2W 2PH/3W 3PH/4W 3PH/3W Delta	50-4000	Solid Core, Split Core, Rogowski CT	—	—	70D24-000
			—	—	71D24-000

*Series 7000 Meters do not include CT's. They can be used with Split Core or Solid Core CT's with a secondary output of .333v. Rogowski coil options also available-consult factory.

Series 7000 Advanced Branch Circuit Monitors—12 Input Meters					
Voltage	Amps	CT Options*	EMON P/N	Schneider Electric P/N	Leviton P/N
1PH/2W 2PH/3W 3PH/4W 3PH/3W Delta	50-4000	Solid Core, Split Core, Rogowski CT	—	—	70D12-000
			—	—	71D12-000

*Series 7000 Meters do not include CT's. They can be used with Split Core or Solid Core CT's with a secondary output of .333v. Rogowski coil options also available-consult factory.

Series 8000 Advanced Branch Circuit Monitor Meters						
Voltage	Amps	CT Options	Description	EMON P/N	Schneider Electric P/N	Leviton P/N
120-208V	20-5000	Split Core/Solid Core 0.1A* as required, not included	Series 8000-2PH x 3 Config (6 Inputs) with Wiring Harness	E-MMRTU-Y-N or E-MMRTU-Y-NETH	—	S8120-032
			Series 8000-2PH x 6 Config (12 Inputs) with Wiring Harness			S8112-C04/C06/C12
			Series 8000-2PH x 12 Config (24 Inputs) with Wiring Harness			S8124-C08/C12/C24
			Series 8000-8x3PH, x12x2PH, x24x1PH Config (24 Inputs) with Terminal Strips			S8UTS-241
277-480V	20-5000	Split Core/Solid Core 0.1A* as required, not included	Series 8000-8x3PH, x12x2PH, x24x1PH Config (24 Inputs) with Terminal Strips			277TS-241
			Series 8000-8x3PH, x12x2PH, 24x1PH Config (24 Inputs) with Wiring Harness			277WH-241

*Series 8000 Meters do not include CTs. They can be used with Split Core or Solid Core CTs with a secondary output of 0.1A.

How To Select The Right Meter

STEP A - Determining what meter series to use

- 1. Electrical service to be metered (WYE, DELTA, Single Phase, Three Phase, or Split Phase; see matrix below)
- 2. Measuring parameter requirements
 - a. If kWh consumption only, use Series 1000 or Mini Meter
 - b. If local peak demand reset, select Series 2000*
 - c. If additional data parameters (Volts, Amps, Power Factor, etc.), use Series 4000 and 4100, Series 7000, or Series 8000

STEP B - Determining which meter catalog number to use

- 1. Where is the meter going to be installed (i.e. indoor, outdoor or electrical panel)?
- 2. Voltage rating (120/208V, 277/480V, 480V DELTA, 347/600V etc.)
- 3. Solid Core CTs, Split Core CTs or Rogowski Coil CTs
 - a. Split — easy to retrofit
 - b. Solid — cost savings and increased accuracy
 - c. Rogowski — easy to install
- 4. Disaggregation of loads (multi-circuit monitoring)? If yes, MMUs, Series 7000, and Series 8000 may be advantageous — consult factory representative

Electrical Configuration Matrix

Electrical Service Configuration	Mini Meter	Series 1000	Series 2000	Series 4000	Series 4100	Series 6000	Series 7000	Series 8000
120V/277V 1PH 2W	—	X	—	X	X	X	X	X
120V/208V 1PH 3W	X	—	—	X	X	X	X	X
120/240V 1PH 3W	X	X	—	X	X	X	X	X
120/208V 2PH 3W	—	—	—	X	X	X	X	—
120/208V 3PH 4W WYE	—	—	X	X	X	X	X	X
240V 3PH 4W DELTA	—	—	—	X	X	X	X	—
240V 3PH 3W	—	—	—	X	X	X	X	—
277/480V 2PH 3W	—	—	—	X	X	X	X	X
277/480V 3PH 4W WYE	—	—	—	X	X	X	X	X
Universal 3PH 3W/4W	—	—	—	—	—	X	X	—
480 2PH 2W	—	—	X	X	X	X	X	—
480 2PH 3W	—	—	X	X	X	X	X	—
480V 3PH 3W DELTA	—	—	—	X	X	X	X	—
347/600V 3PH 4W 347V (L-N) 600V (L-L)	—	—	—	X	X	—	X	—

* Demand provides a manual peak demand reset key. If meter is to be connected to a Leviton Monitoring Hub via pulse output or Modbus, this option is not required. The hub will provide logging of data every 15 minutes for peak demand calculations.

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Visit our Website at: www.leviton.com/verifeye

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