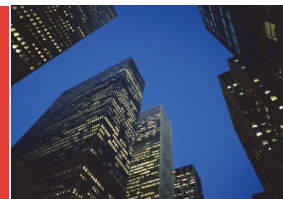


# Building Control Systems



September 24, 2013

customer.honeywell.com

**TO:** Authorized System Distributors  
 Authorized Controls Integrators  
 Building Control Specialists  
 Building Control Associates  
 Honeywell Sales Representatives

**FROM:** Tenison Stone  
 Product Marketing Manager

**SUBJECT:** Submeters Price Update And Product Line Extension

**BULLETIN:** 13-0097

## Honeywell Brand Submeters Pricing Update and Product Line Extension

Important information regarding ordering and pricing for all H10, H20, H32, and H50 style submeters, as well as the HIDR Interval Data Recorders described below.

- Customer care can provide pricing on any part number by fax or phone. We will also publish and send out pricing separately for the most common submeters whenever pricing does change.
- **Submeter pricing for 2014 has been updated. However, there are small rounding discrepancies which may cause the pricing in your system to be off slightly. Please load the new submeter pricing into your system to avoid any discrepancies.** See [attached](#) for existing current pricing on submeters and accessories.
- **Submeters can no longer be ordered electronically in SAP. Orders must be faxed in.** All submeter orders will be removed from the electronic ordering metric on the Achieve Scorecard.
- Since submeters are no longer available for electronic purchase, there will be no freight fee for submeters.
- Submeter part numbers can be determined by following the part configuration guide provided in the downloaded/printed price book pdf (unrestricted), the submeter brochure, or simply use the spreadsheet with description and pricing [attached](#) for the most common submeter options.



### Available Now: Single-Phase Meters for 127/220V Applications

There are several new product updates that further extend the flexibility and versatility of Honeywell's advanced electric kWh / kW meters for domestic and international applications. In response to customer demand for single-phase smart submeters, 127/220V single-phase / 3-wire (wye) configurations are now available for the company's advanced Class 320, 500 and Green Net meter devices. Typical applications include energy-efficiency monitoring of HVAC equipment and other building electrical systems, single-phase transformers and more.

## Available Now: Three-Phase Meters for 380/400/415V Applications

In expanding the company's existing three-phase offering, new three-phase 4-wire (wye) voltages are now available as standard selections for the above classes of smart submeters. All are factory-set variations of the 400V meter configuration and include: 220/380V; 230/400V and 240/415V. Available for use with Class 320, 500 and 500 Green Net meters, the new options include:

- Single-phase 127/220V 3-wire (wye) applications (order as 208V meter)
- Three-phase 220/380V 4-wire (wye) applications (order as 400V meter)
- Three-phase 230/400V 4-wire (wye) applications (order as 400V meter)
- Three-phase 240/415V 4-wire (wye) applications (order as 400V meter)

## Applications

- **Performance Monitoring** - Measure energy usage before and after implementing an energy-savings plan.
- **Monitoring Main Circuits/Panels** - Determine where energy is being consumed and monitor specific equipment to detect trends.
- **Tenant Submetering** - Track tenant energy consumption for billing purposes.
- **Cost Allocation** - Monitor multiple points in a building to divide utility bills based on department consumption.

## Meter Selection Guide

Class 320 Meter and MMU Selection Guide										
Series	Class		Voltage	Current	Enclosure Type	Protocol		Current Sensors		
H	32	-	120	25HV	J	JIC STEEL ENCLOSURE	RTU	Modbus RTU	KIT	SPLIT-CORE CURRENT SENSORS
		-	208	100-	R	NEMA 4X ENCLOSURE	EZ7	EZ-7	NONE	NO CURRENT SENSORS INCLUDED
		-	400	200-	M	MMU STYLE METER				Single Phase or Two Phase (Two Element)
		-	480	400-						
		-	600	800-						
						1600				
				3200						

Example: H32-480400-JRTUKIT = Class 32 Three-Phase 480V 400A Steel Enclosure, Modbus RTU, Three Current Sensors

Example: H32-4801600MEZ7KIT = Class 32 Three-Phase, 480V 1600A MMU Enclosure, RS-485 EZ-7, Three current Sensors

## H-Series Submeter Selection Guide

All meters must be ordered via fax at 800-356-0149, or e-mailed to "ACSUSTradeOrdersandQuotesOnly@honeywell.com"

### Class 500 and Green Net Meter Selection Guide

Series	Class	Voltage	Current	Enclosure Type		Protocol		Green Net Option		Current Sensors		
H	50	-	120	25HV	J	JIC Steel Enclosure	01	EZ-7, EZ-7 Ethernet (Green Net Meters only)	-X-	Expanded Feature Package	KIT	Split-core Current Sensors
		-	208	100-	R	NEMA 4X Enclosure	03	BACNET MS/TP, EZ-7 Ethernet	KIT	No Options, Split Core Sensors	NONE	No Current Sensors Included
		-	480	200-			04	EZ-7, Modbus TCP/IP	SCS	No Options, Solid Core Sensors		
			600	400-			05	EZ-7, BACNET IP	XXX	No Options, No Sensors		
				800-			06	Modbus RTU, Modbus TCP/IP				
				1600			07	LONWORKS TP, EZ-7 Ethernet				
				3200			08	LONWORKS TP, Modbus TCP/IP				
							09	EZ-7, EZ-7 Ethernet with modem				
							10	EZ-7, Modbus TCP/IP with modem				
							11	EZ-7, BACNET IP with modem				

Example: H50-480400-J05KIT = Class 500 Three-Phase 480V 400A Steel Enclosure, BACnet IP and RS-485 EZ-7 with Three Current Sensors

Example: H50-480400-J01-N-KIT = Class 500 Three-Phase Green Net, 480V 400A Steel Enclosure, Ethernet EZ-7 and RS-485 EZ-7, with Three Current Sensors

### Class 320 Meter and MMU Selection Guide

Series	Class	Voltage	Current	Enclosure Type		Protocol		Current Sensors		
H	32	-	120	25HV	J	JIC Steel Enclosure	RTU	Modbus RTU	KIT	Split-core Current Sensors
		-	208	100-	R	NEMA 4X Enclosure	EZ7	EZ-7	NONE	No Current Sensors Included
		-	480	200-	M	MMU Style Meter				
			600	400-						
				800-						
				1600						

Example: H32-480400-JRTUKIT = Class 32 Three-Phase 480V 400A Steel Enclosure, Modbus RTU, Three Current Sensors

Example: H32-4801600MEZ7KIT = Class 32 Three-Phase, 480V 1600A MMU Enclosure, RS-485 EZ-7, Three current Sensors

Please see the MMU Ordering for an example showing how to order an MMU panel.

### Class 200 and Green Net Meter Selection Guide

Series	Class	Voltage	Current	Enclosure Type		Green or Demand Option		Current Sensors		
H	20	-	120	100-	J	JIC Steel Enclosure	-G-	Green Class Meter	KIT	Split-core Current Sensors
		-	208	200-	R	NEMA 4X Enclosure	KIT	No Options, Split Core Sensors	NONE	No Current Sensors Included
		-	480	400-	M	MMU Style Meter	SCS	Solid-core Current Sensors		
			600	800-			XXX	No Options, No Sensors		
				1600						

Example: H20-208100-RKIT = Class 200 Three Phase 208/240V 100A NEMA 4X Enclosure with 3 Current Sensors.

Example: H20-2081600R-D-KIT = Class 200 Three Phase 208/240V 1600A NEMA 4X Enclosure, Demand Option, with Three Current Sensors

Please see the MMU Ordering information for an example showing how to order an MMU panel.

### Class 100 Selection Guide

Series	Class	Voltage	Current	Enclosure Type		Current Sensors		
H	10	-	2120	25-	J	JIC Steel Enclosure	KIT	Split-core Current Sensors
		-	3208	50-	R	NEMA 4X Enclosure	NONE	No Current Sensors Included
		-	2277	100	M	MMU Style meter		
				200				

Example: H10-212025-JKIT = Class 100 Single Phase 120V 25A Steel Enclosure with 1 Current Sensor

Example: H10-3208100JKIT = Class 100 Single Phase 208V 100A Steel Enclosure with 2 Current Sensors

Please see the MMU Ordering information for an example showing how to order an MMU panel.

## MMU (Multiple Meter Unit) Cabinet Ordering Information

Single-Phase 277V meters not compatible with MMU cabinets.

MMUs should be ordered as shown in the example with meters and blanks directly following the HMMU part, so that the factory knows exactly what is needed in each MMU panel

NOTE: The MMU unit must be ordered separately when selecting 'M' for the enclosure type for class 100, 200, 320 and IDRs.

NOTE: Please specify the meter configuration in the MMU using the form 62-0460, and fax this in with the order. When ordering meters less than the capacity of the MMU, please fill up the difference with the 'MMU-BLANK' spaces. For example, if you buy 6 meters for HMMU-8, you need 2 MMU-Blank spaces (8-6=2).

### MMU ORDER EXAMPLE

	Part	Qty	
line 1	HMMU-8	1	Meters and blanks must add up to # of slots in MMU, in this case 8
line 2	H32-4801600MEZ7KIT	3	
line 3	H32-480400-MEZ7KIT	3	
line 4	MMU-BLANK	2	

MMU (Multi Meter Unit) Parts	
Part number	Description
HMMU-8	MMU-8 Cabinet/enclosure for 8 meters
HMMU-16	MMU-16 Cabinet/enclosure for 16 meters
HMMU-24	MMU-24 Cabinet/enclosure for 24 meters
MMU-BLANK	Multiple Meter Unit Blank Space

### Interval Data Recorder Selection Guide

Class	# of Meters	Enclosure Type		Protocol		Connection		
HIDR-	8-	J	JIC Steel Enclosure	01	EZ-7, EZ-7 Ethernet	ST	Screw Terminal Connections (only available for HIDR-8 models)	
				16	Modbus RTU, EZ-7 Ethernet			
	16	R	M	NEMA 4X Enclosure MMU style meter	02	Modbus RTU, EZ-7 Ethernet	RJ	RJ Connections
					03	BACNET MS/TP, EZ-7 Ethernet		
					04	EZ-7, Modbus TCP/IP		
					05	EZ-7, BACNET IP		
					06	Modbus RTU, Modbus TCP/IP		
					07	LONWORKS TP, EZ-7 Ethernet		
					08	LONWORKS TP, Modbus TCP/IP		
					09	EZ-7, EZ-7 Ethernet with modem		
					10	EZ-7, Modbus TCP/IP with modem		
11	EZ-7, BACNET IP with modem							

Example: HIDR-8-J05ST = IDR for 8 meters, Steel enclosure, EZ-7 RS-485 and EZ-7 Ethernet with Screw Terminal connection option

Example: HIDR-16J02RJ = IDR for 16 meters, Steel enclosure, Modbus RTU and EZ-7 Ethernet with RJ connection option

Please see the MMU Ordering tab for an example showing how to order an MMU panel.

## Literature

Form Number	Description	Availability	
		EDI/B2B	Lit Site
<a href="#">62-0397</a>	Class 320 Installation Manual	X	X
<a href="#">62-0399</a>	Class 500 Installation Manual	X	X
<a href="#">62-0424</a>	Class 500 Green Net Installation Manual	X	X

## Product Availability

Product is in stock and ready to be shipped. Orders can be placed now, with immediate shipping.

## Pricing Information

Access the online [Submeter Pricing Tool](#) for updated pricing information

## Literature

Form Number	Description	Availability	
		EDI/B2B	Lit Site
<a href="#">62-0397</a>	Class 320 Installation Manual	X	X
<a href="#">62-0423</a>	Class 500 Installation Manual	X	X
<a href="#">62-0424</a>	Class 500 Green Net Installation Manual	X	X

## More Information

- **Order Products**  
All meters must be ordered via fax at 800-356-0149, or e-mailed to H-Series Submeters Orders.
- **Order Literature**  
[literature.honeywell.com](http://literature.honeywell.com)
- **Technical Support**  
Commercial Components Hotline 1-888-516-9347
- **Sales and Product Information**  
Contact your local Honeywell sales representative

New products: [www.beyondinnovation.honeywell.com](http://www.beyondinnovation.honeywell.com)

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