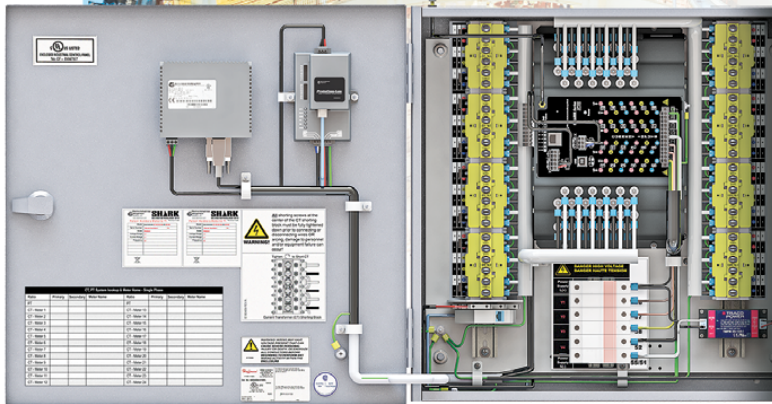


# SHARK<sup>®</sup> MP200<sup>™</sup>

## Multipoint Meter in Enclosure

For Three Phase and Single Phase MP200<sup>™</sup> Metering Systems



**ENCMP200**



### Pre-wired Multipoint Metering Solution

Ready for Installation

- For Retrofit Meter Solutions
- Extends Switchgear Capability
- Optional BACnet<sup>®</sup>\* or LonWorks<sup>®</sup>\* Communication Protocols
- Pre-wired and Configured
- NEMA Type 1 Rated Enclosure
- Eliminates Wiring and Installation Errors

## MP200™ METERING SYSTEM IN ENCLOSURE INFORMATION

### Description

EIG's MP200™ unit in enclosure lets you expand your switchgear capability and/or easily meter circuits without expensive and time-consuming redesign. Simply mount the enclosure in any convenient location, next to your switchgear or on a wall, and you are ready to go, with no downtime. Using the MP200™ unit in enclosure allows you to meter up to 24 single phase or 8 three phase loads and transmit the data using a variety of communication protocols.



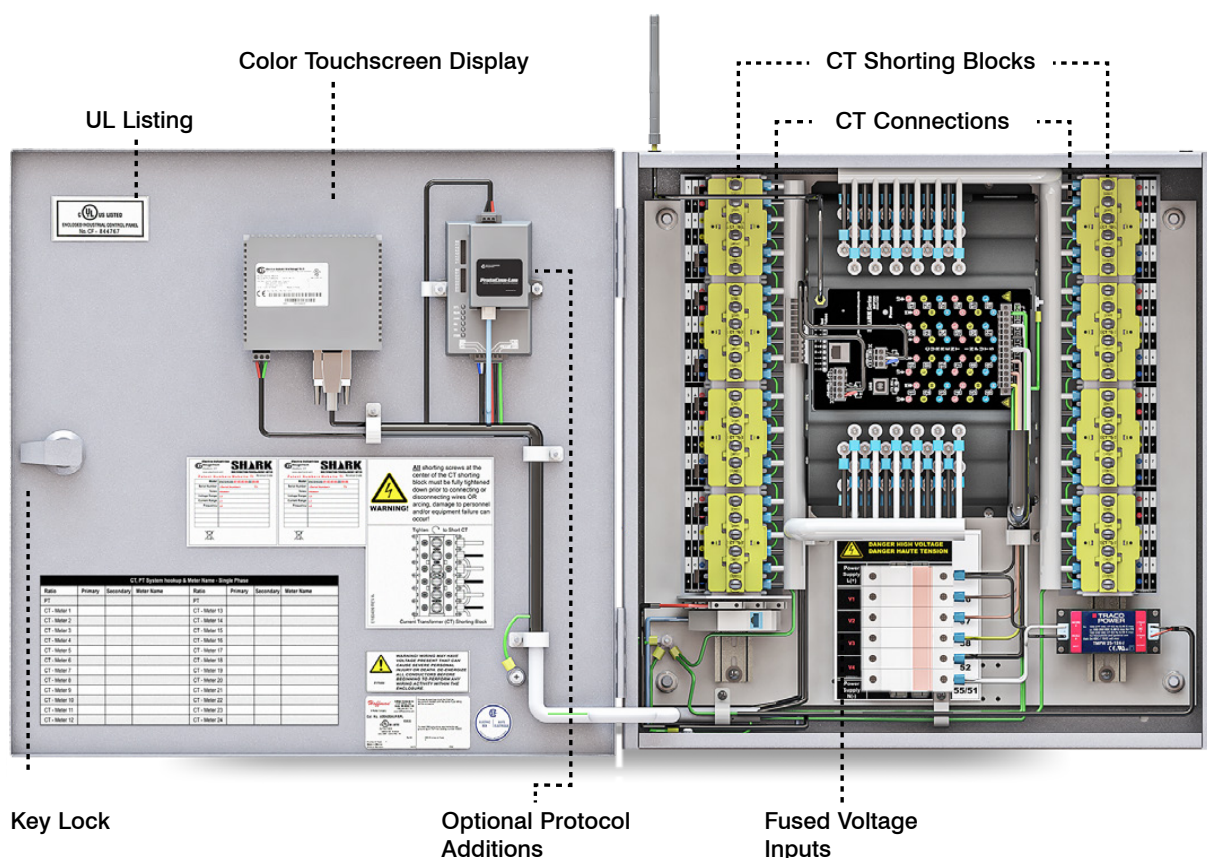
This is a perfect solution for a retrofit where there is no metering compartment available. The meter comes standard with a NEMA 1 rated enclosure and is factory wired with the meter installed. Standard equipment includes voltage fuses and shorting blocks for current transformers. The system will work directly with 120/208 and 277/480 volt power systems.

The enclosure can be ordered with either the three phase MP200™-Y or the single phase MP200™-S metering system. Optional CTs are available for each circuit. The CTs can be ordered as either split core or solid core, depending on the needs of the installation. Optional ProtoCom and ProtoCom-Lon modules offer BACnet®\* and LonWorks®\* communication, enabling

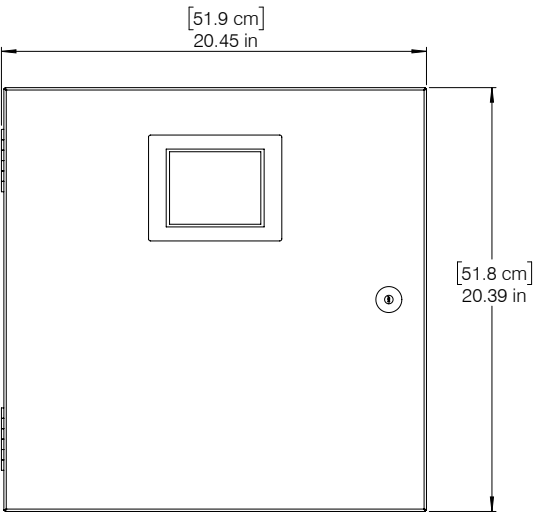
the MP200™ in enclosure to fit seamlessly into existing Building Automation System applications.

The unit is equipped with either a 3.5" or 5.7" color touchscreen display to make data reading simple and easy. The display provides extensive circuit data for every load, including circuit analysis.

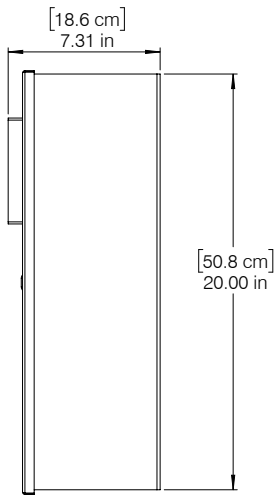
## MP200™ METERING SYSTEM IN ENCLOSURE



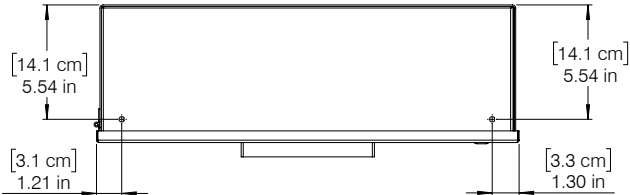
DIMENSIONAL DRAWINGS



MP200™ Unit in Enclosure  
Front Dimensions

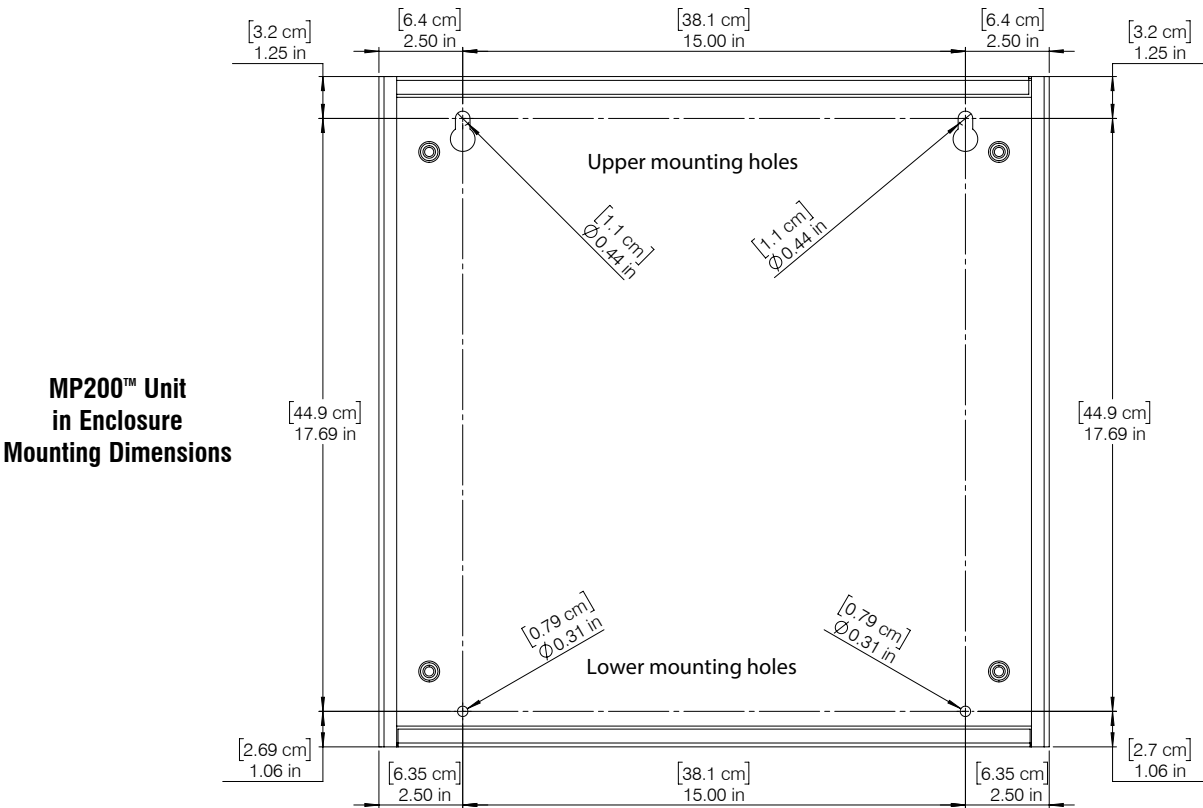


MP200™ Unit in Enclosure  
Side Dimensions



MP200™ Unit in Enclosure  
Top Dimensions

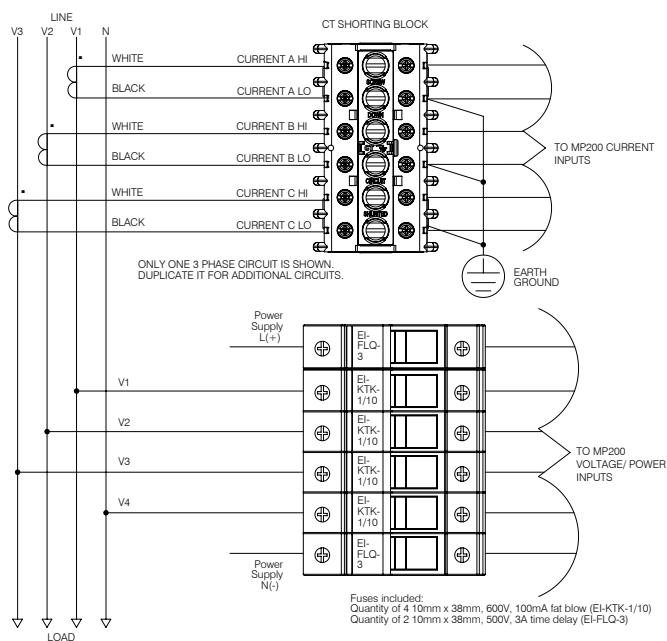
MOUNTING DIAGRAM



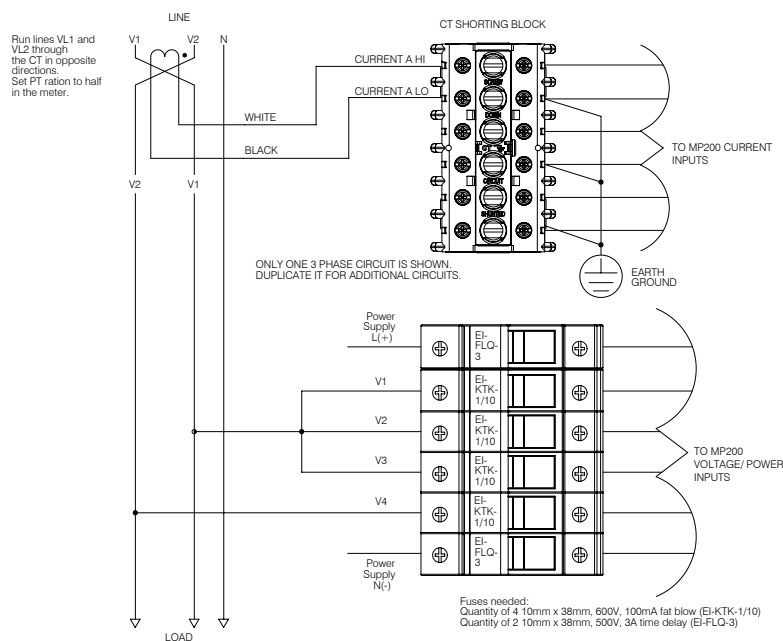
MP200™ Unit  
in Enclosure  
Mounting Dimensions



## WIRING DIAGRAMS



**Three Phase Wiring for  
MP200™-Y  
Metering System**



**Single Phase Wiring for  
MP200™-S  
Metering System**

## Ordering Information

### MP200™ Unit in Enclosure

All fields must be filled in to create a valid part number.

Model	Current Configuration	Frequency	Current Class	V-Switch™ Key	Communication	Display	Add-on Protocol
Option Numbers:	-	-	-	-	-	-	-
Example: <b>ENCMP200</b>	- Y	- 60	- 10	- V2	- WIFI	- MDSN	- ProtoCom
MP200™ Metering System in NEMA 1 Enclosure	<b>Y</b> Three Phase WYE	<b>50</b> 50 Hz	<b>10</b> 5 A Nominal CT Secondary	<b>V1</b> Transducer	<b>X</b> RS485 Only	<b>MDSN</b> 3.5" Display	<b>X</b> No Add-on Protocol
	<b>S</b> Single Phase ONLY	<b>60</b> 60 Hz	<b>2</b> 1 A Nominal CT Secondary	<b>V2</b> Basic Logger	<b>WIFI</b> Ethernet and WiFi	<b>MDLN</b> 5.7" Display	<b>ProtoCom</b> BACnet®*
				<b>V3</b> Advanced Logger			<b>ProtoCom-Lon</b> LonWorks®*

## Optional Available Current Transformers

### Solid Core Transformers

100/5 : EI-2DARL-101  
200/5 : EI-2DARL-201  
400/5 : EI-5ARL-401

### Split Core Transformers

100/5 : EI-1SP-100-00  
200/5 : EI-1SP-200-00  
400/5 : EI-WC4-400-RA05

CTs can be ordered online from the EIG website:

[www.electroind.com](http://www.electroind.com)

### WiFi Antenna (Required for WiFi)

**ANTI8769** - Remote mounted WiFi Antenna for mounting outside of enclosure.

\*LonWorks® is a registered trademark of Echelon Corp. BACnet® is a registered trademark of ASHRAE. MP200™ is a trademark of Electro Industries/GaugeTech.



**Electro Industries/GaugeTech**

1800 Shames Drive • Westbury, NY 11590

1-877-EIMETER (1-877-346-3837) • E-Mail: [sales@electroind.com](mailto:sales@electroind.com)

Tel: 516-334-0870 • Web Site: [www.electroind.com](http://www.electroind.com) • Fax: 516-338-4741

