

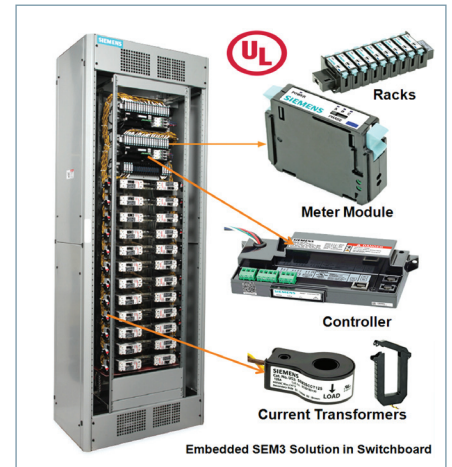
Power Distribution Solutions

Branch Circuit Monitoring/ SEM3 Embedded Micro Sub Metering

Powerful embedded metering at the source of consumption!

The new Siemens Embedded Micro Metering Module (SEM3) is a modular metering solution for energy monitoring, data analysis, and sub billing applications. The flexible design allows for low, medium, and high density metering requirements to be met efficiently and economically using only a few standardized components integrated into Siemens Panelboard and Switchboard products. SEM3 is pre-engineered to integrate into new Siemens Panelboards and Switchboards but has also been designed to be implemented in OEM and retrofit applications as well.

The SEM3 provides an innovative and cost effective metering solution that can be incorporated into existing applications such as power monitoring, building automation, and sub-billing systems. SEM3 also has the flexibility to be installed as a standalone solution with real time data available from the controller's standard built-in web pages. This metering product has two levels of accuracy to meet the market's differing requirements and price points. This versatile system allows you to meter just the loads you need without the excess hardware and space requirements of traditional or competing solutions.



Features & Benefits:

- System designed to meter up to 45 metering points
- Easy retrofit and plug-n-play expansion features
- High metering accuracy up to 0.2%; standard 1.0%
- Installed and configured in SIEMENS engineered Panel boards and Switchboards at Siemens plants. SIEMENS ONE SOLUTION!
- Built-in HTML web pages for easy configuration & real-time data monitoring for Voltage, Current, Power, Energy, Water, and, Gas
- Modbus RTU, Modbus TCP, SNMP, NTP, BACnet IP & MSTP protocols
- Utilizes milliamp CT's reducing hardware and increasing safety ■ Built-in H
- Solid core CT's for high accuracy and split core CT's for easy retrofit.
- Emailing, Alarming, Trending, Totalizing, Event Logging & Data Logging
- Offline Configuration for improving Field and Factory engineering time
- 4 Language support includes English, German, French, and Spanish

Order Information

Controller	Catalog Number	
Main Controller	US2:SEM3CONTROLLER	
Meter Modules		
Meter - Standard Accuracy 1%	US2:SEM3LAMETER	
Meter - High Accuracy 0.2%	US2:SEM3HAMETER	
Meter - Standard Accuracy 1% with Pulse Output	US2:SEM3PLAMETER	
Meter - High Accuracy 0.2% with Pulse Output	US2:SEM3PHAMETER	
Meter Racks		
Meter Rack 3 Position	US2:SEM3RACK3	
Meter Rack 9 Position	US2:SEM3RACK9	
Meter Rack 15 Position	US2:SEM3RACK15	
Meter Rack 21 Position	US2:SEM3RACK21	
Cables		
Controller to Rack Cable - 6 Inch	US2:SEM3CAB6INCH	
Controller to Rack Cable - 12 Inch	US2:SEM3CAB12INCH	
Controller to Rack Cable - 24 Inch	US2:SEM3CAB24INCH	
Controller to Rack Cable - 36 Inch	US2:SEM3CAB36INCH	
Solid Core CT's		
Solid Core CT 50:0.1	US2:SEM3SCCT50	
Solid Core CT 125:0.1	US2:SEM3SCCT125	
Solid Core CT 250:0.1	US2:SEM3SCCT250	
Solid Core CT 400:0.1	US2:SEM3SCCT400	
Solid Core CT 600:0.1	US2:SEM3SCCT600	
Solid Core CT 800:0.1	US2:SEM3SCCT800	
Solid Core CT 1200:0.1	US2:SEM3SCCT1200	
Solid Core CT 1600:0.1 [Ⓢ]	US2:SEM3SCCT1600	
Solid Core CT 2000:0.1 [Ⓢ]	US2:SEM3SCCT2000	
Split Core CT's		
Split Core CT 50:0.1	US2:4LSF0050	
Split Core CT 125:0.1	US2:4LSF0125	
Split Core CT 250:0.1	US2:4LSF0250	
Split Core CT 400:0.1	US2:4LSF0400	
Split Core CT 600:0.1	US2:4LSF0600	
Split Core CT 800:0.1	US2:4LSF0800	
Split Core CT 1200:0.1	US2:4LSF1200	
Split Core CT 1600:0.1 [Ⓢ]	US2:4LSF1600	
Split Core CT 2000:0.1 [Ⓢ]	US2:4LSF2000	

Ⓢ 1600 & 2000 Amp CT's may not currently be available. Please contact sales for availability.