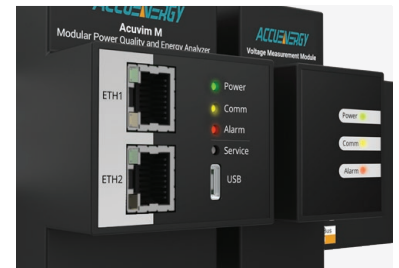


Acuvim M

Modular Power Quality and Energy Analyzer Prototype Datasheet



ACCUENERGY



*Prototype datasheet provides advance product information that is under development.
All the technical specifications and product images are subject to change without notice.*

DESCRIPTION

Acuvim M is a modular power quality and energy analyzer designed for high-density power monitoring for data center RPP, end-of-row distribution, and switchboards. Includes scalable architecture of a Meter Head Gateway, Voltage Module, and Current Module up to 96 current channels. The Meter Head Gateway is a power monitoring controller which provides system measurements, communication, and gateway aggregation up to 32 downstream Modbus devices under a single IP management platform.

With ANSI C12.1 Class 0.1/IEC 62053-22 Class 0.1S for revenue-grade accuracy and IEC 61000-4-30 Class A for power quality measurement supporting COMTRADE and PQDIF logging along with a built-in web management interface to monitor metering, alarm, and data logging. Connectivity includes dual Ethernet, and RS485 for seamless integration into SCADA, BMS, and DCIM systems, as well as direct connection to AWS IoT, Azure IoT, and AcuCloud.

FEATURES

- + Modular and scalable DIN-rail architecture with Meter Head Gateway Module, Voltage Measurement Module and Current Measurement Modules.
- + ANSI C12.1 Class 0.1 and IEC 62053-22 Class 0.1S revenue-grade accuracy.
- + IEC 61000-4-30 Class A for measurement and IEC 62586 compliant PQ instrument.
- + EN 50160:2022 and IEEE 519-2022 compliant power quality reports.
- + Dual-feed voltage redundant monitoring for main and backup feed up to 192 mirror meter points.
- + Dual Ethernet, two RS485, and USB Type-C ports.
- + Integrated Modbus gateway supporting up to 32 downstream devices
- + Software-configured virtual device within the Meter Head Gateway for data aggregation and register mapping from multiple downstream devices to single northbound for centralized monitoring.
- + Multi-protocol support for Modbus TCP, Modbus RTU, BACnet/IP, SNMP, MQTT, OPC UA, and HTTPS.
- + Parameters mapping, pass-through and device mirroring operating modes.
- + Data push and notifications via email, HTTP/HTTPS, FTP/SFTP, MQTT, AcuCloud, AWS IoT, and Azure IoT.
- + 32 GB onboard storage with three configurable data loggers, trend log, rapid log, and up to 500 alarms.

KEY FEATURES

Modular Architecture

- + Daisy chain Meter Head Gateway Module, Voltage Measurement Modules, and Current Measurement Modules via AcuBus.
- + Add up to four Current Measurement Modules and two Voltage Measurement Modules.
- + Automatic module discovery and hot-plug capability allow Current Measurement Modules to be added or removed.
- + Bus distributes power, synchronized timing and real-time data across the entire system.

Meter Head Gateway

- + Central main controller for Acuvim M automatically manages all modules through AcuBus.
- + Polls up to 32 downstream Modbus TCP and Modbus RTU devices, including Accuenergy and third-party devices.
- + Provides northbound connectivity to SCADA, BMS, DCIM, and EMS systems.
- + Virtual devices allow single upstream interface for connected device data to BMS, SCADA, and DCIM systems.
- + Create Virtual devices to combine physical devices to calculate data and aggregate device registers.
- + Preconfigured templates simplify setup of supported devices while custom templates enable integration of other Modbus devices.

Power Quality Monitoring

- + IEC 61000-4-30 Class A for measurements and IEC 62586 for power quality instruments.
- + Monitor harmonics, voltage sag & swell, interruption, transient, flicker, frequency and current events.
- + Measures harmonics up to the 127th order for power quality event detection.
- + Record waveform captures and store as COMTRADE event logging and PQDIF for waveform and event logging files.
- + ITIC/CBEMA and SEMI F47 curve analysis for evaluating power tolerance limits and power quality impacts on IT infrastructure.

Voltage Measurement Module

- + Dual-feed voltage modules enable simultaneous monitoring of redundant power monitoring with up to 192 mirrored meter points.
- + Single-feed option for up to 96 meter points, each independently configured.
- + Each meter point independently selects its voltage reference, allowing flexible assignment of branch circuits.
- + Measures three-phase and neutral voltage up to 347 V L-N / 600 V L-L for connected current channels to calculate power and energy.

Current Measurement Module

- + 24 current measurement channels per module, with up to four modules supporting 96 current channels per system.
- + Supports 333 mV current transformers and Rogowski coils per-channel configuration up to 400 mV. All current transformers are available at Accuenergy.
- + Supports independent current channel assignment to configure meter points for single-phase, split-phase, and three-phase circuits.
- + Measures harmonics up to the 63rd order for power quality monitoring.

Data Logging and Alarms

- + 32GB onboard memory for storing real-time data, 65,535 alarm entries, events, and waveform files.
- + Three independent data loggers, one rapid logger and trend logger for data recording.
- + Up to 500 configurable alarms with optional relay outputs, SNMP traps, email and Modbus notifications.
- + System, audit, and power quality event log to provide complete record of operational and traceability data.

APPLICATION

Power Monitoring and System Integration

- + Building Management System (BMS)
- + Data Center Infrastructure Management (DCIM)
- + Energy Management Systems (EMS)
- + SCADA and Third-Party Modbus Integration

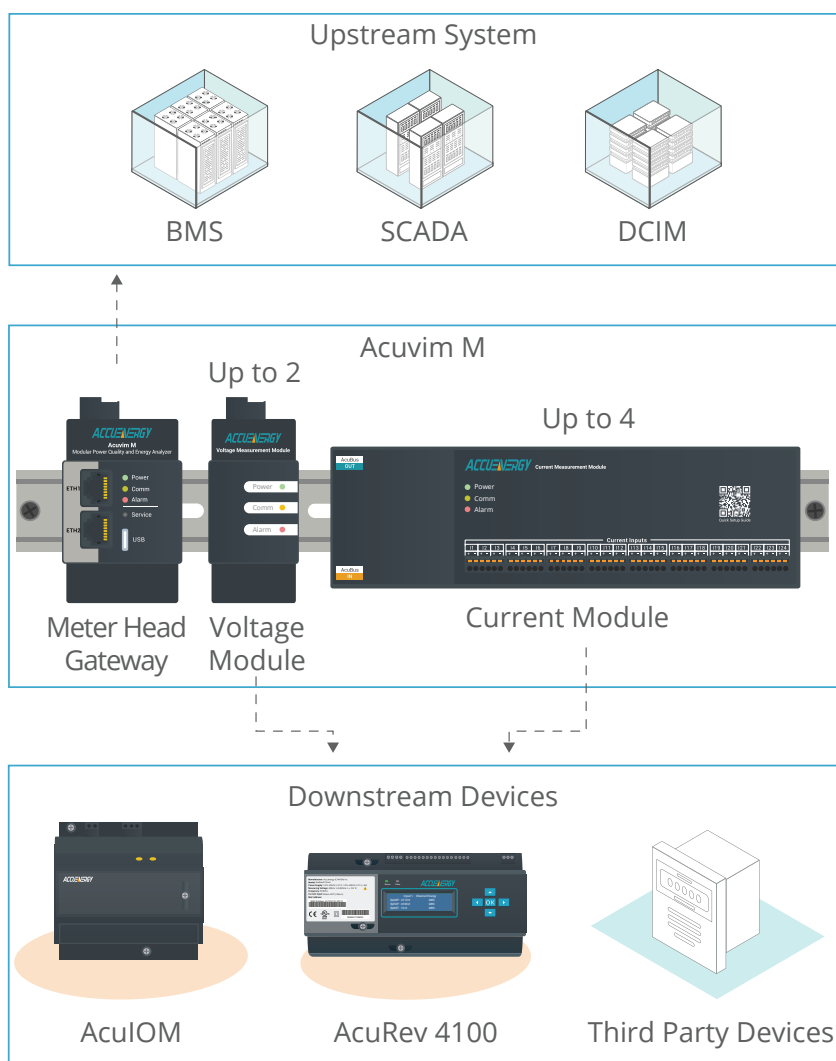
Commercial and Industrial

- + Electrical Switchboards and Distribution Panels
- + Commercial and Industrial Branch Circuit Metering
- + Tenant Sub-Metering and Energy Chargeback
- + Manufacturing and Industrial Facilities
- + Healthcare and Mission Critical Facilities

Data Centers and Critical Power

- + Rack-level Power Distribution Units (PDUs)
- + Remote Power Panels (RPPs)
- + End-of-Row (EoR) Power Distribution
- + Branch Circuit Monitoring (BCM)
- + Critical IT Load Monitoring
- + Energy Management in Industrial and Commercial Buildings

SYSTEM ARCHITECTURE



	Acuvim-M-MHG	Acuvim-M-V-3A	ACUVIM-M-C-24A
Module			
	Meter Head Gateway Module	Voltage Measurement Module	Current Measurement Module
Function	Main Controller, Web Server, Gateway Between Upstream System and Downstream Devices	Three-Phase and Neutral Voltage Measurement	Phase Current and Neutral Current Measurement
Qty Per System	1	1-2	1-4
Channels Per System	-	V1, V2, V3, VN	24 Current Channels
Maximum System Capacity	-	2 Voltage Modules	96 Current Channels
Input Type	-	Direct Voltage Input	333 mV CT and Rogowski Coil

SPECIFICATIONS

Metering				
PARAMETERS	ACCURACY	RESOLUTION	RANGE	UPDATE RATE
Active Power	0.1 %	1 W	As Per Meter Point	200 ms, 3 s, 10 min, 2 h
Reactive Power	0.5 %	1 VAR	As Per Meter Point	200 ms, 3 s, 10 min, 2 h
Apparent Power	0.2 %	1 VA	As Per Meter Point	200 ms, 3 s, 10 min, 2 h
Active Power Demand	0.1 %	1 W	As Per Meter Point	Configurable
Reactive Power Demand	0.5 %	1 VAR	As Per Meter Point	Configurable
Apparent Power Demand	0.2 %	1 VA	As Per Meter Point	Configurable
Power Factor	0.5 %	0.001	-1.000 ~ 1.000	200 ms, 3 s, 10 min, 2 h
Frequency	Class 0.05	0.001 Hz	40.000 – 70.000 Hz	200 ms, 3 s, 10 min, 2 h
Active Energy	0.1 %	0.001 Wh	Import / Export / Net / Total	Accumulated
Reactive Energy	1.0 %	0.001 varh	Import / Export / Net / Total	Accumulated
Apparent Energy	0.5 %	0.001 VAh	As Per Meter Point	Accumulated
Voltage and Current Phase Angle	-	0.001°	0.000° – 359.999°	200 ms, 3 s, 10 min, 2 h
Voltage and Current Crest Factor	As Per Meter Model	-	As Per Meter Point	200 ms, 3 s, 10 min, 2 h
Load Nature	-	-	As Per Load	200 ms, 3s, 10 min, 2 h
Voltage Module				
PARAMETERS	ACCURACY	RESOLUTION	RANGE	UPDATE RATE
Voltage	0.1 %	0.001 V	Up To 347 VAC L-N; Up To 600 VAC L-L	200 ms, 3 s, 10 min, 2 h
Voltage Harmonics	Class I IEC 61000-4-7	0.001%	2 nd - 127 th	200 ms, 3 s, 10 min, 2 h
THD, Odd Harmonics, Even Harmonics	1.0 %	0.001%	0 - 999 %	200 ms, 3 s, 10 min, 2 h
Voltage Unbalance	0.15 %	0.001 %	0.000 – 100.000 %	200 ms, 3 s, 10 min, 2 h
Flicker	IEC 61000-4-15	-	Per Phase	200 ms, 3 s, 10 min, 2 h
Current Module				
PARAMETERS	ACCURACY	RESOLUTION	RANGE	UPDATE RATE
Current	0.1%	0.001 A	0 – 400 mV	200 ms, 3 s, 10 min, 2 h
Current Demand	0.1%	0.001 A	Per Channel	Configurable
Current Harmonics	Class I IEC 61000-4-7	0.001%	2 nd – 63 rd	200 ms, 3 s, 10 min, 2 h
THD, Odd Harmonics, Even Harmonics	1.0 %	0.001 %	0 – 999 %	200 ms, 3 s, 10 min, 2 h
Current Unbalance	0.15 %	0.001 %	0.000 – 100.000 %	200 ms, 3 s, 10 min, 2 h
K-Factor and TDD	As Per Meter Model	-	Per Channel	200 ms, 3 s, 10 min, 2 h

SPECIFICATIONS

Main Host - Communications

RS485 (2 HALF DUPLEX)

Baud Rate	9.6 to 115.2 kbps
Protocols	Modbus RS 485; Modbus TCP

ETHERNET (2 RJ45 PORTS)

Type	10 / 100 Mbps; RSTP Ring or Daisy-Chain
Protocols	IPv4, DHCP, DNS, SNMP v2c/v3, Modbus TCP, BACnet/IP, OPC UA, MQTT with TLS, HTTP/HTTPS
Web Server	HTTPS with TLS
Time Synchronization	NTP / PTP IEEE 1588 IEC 61000-4-30 Class A
Upstream Protocols	Modbus TCP, Modbus RTU, SNMP v2c / v3, BACnet/IP, OPC UA, HTTPS
Upstream Data Push	HTTP / HTTPS POST, FTP / FTPS / SFTP, SMTP Email, MQTT,
Upstream IoT Platforms	AcuCloud, AWS IoT, Azure IoT
Downstream Devices	Up to 32 Modbus Devices
Management Software	Acuview 2
USB	1 × USB Type-C on Front Panel

Operating Environment

Operating Temperature	-25 °C to +55 °C (-13 °F to +131 °F)
Storage Temperature	-25 °C to +70 °C (-13 °F to +158 °F)
Relative Humidity	5 % to 95 % Non-Condensing
Altitude	< 2000 m
Pollution Degree	2
Location / Mounting	Indoor
Ingress Protection Rating	IP20: DIN Rail Modules on Front and Rear IP30: Enclosure

Standard Compliance and Certifications

Measurement Standard	IEC 61557-12, ANSI C12.1, IEC 62053-22
Power Quality	IEC 61000-4-30 Class A
PQ Instrument	IEC 62586 Class A PQI
Harmonics	IEC 61000-4-7 Class 1
Flicker	IEC 61000-4-15
Safety Standard	IEC/UL 61010-1:2012, LVD (EN 61010-1)
EMC Standard	IEC 61326-1; IEC 61000-4-2/-3/-4/-5/-6/-8/-11; EN 55032 Class B; FCC Part 15 Class B
PQ Instrument Performance	IEC 62586-1 / -2
Certification	CE, UL
Environmental Standard	RoHS Compliant
COMTRADE	IEC 60255-24 / IEEE C37.111
PQDIF	IEEE 1159.3
DIN Rail Standard	IEC 60715
Vibration	IEC 60068-2-6
Shock	IEC 60068-2-27
Mechanical Impact	IK07 IEC 62262

Input

CURRENT INPUTS (24 CHANNELS WITH 1 MODULE)

Supported CT Types	333 mV and Rogowski Coil Current
Input Voltage Range	0 - 400 mV
Maximum System Channels	96 With Four Modules
Sample Rate	8 kbps
Waveform Sampling	128 Samples / Cycle
Harmonic Range	2nd – 63rd
Accuracy	0.1% at Reading
Crest Factor	≥ 1.8
CT Insulation Withstand	CAT III
RCT Frequency Correction	Software Correction Per CT Type

VOLTAGE INPUTS (4 CHANNELS)

Input Lines	4 per Voltage Module (V1 / V2 / V3 / VN)
Voltage Class	347 V L-N / 600 V L-L CAT III
Rated Impulse Withstand	9.6 kV
Input Impedance	≥ 1 MΩ per Phase
Metering Frequency	40 – 70 Hz
Sample Rate	64 kbps
Waveform Sampling	1024 Samples/Cycle
Harmonic Range	2nd - 127th
Accuracy	0.1% at Reading
Terminal Wire Gauge	0.2 - 4 mm ²

POWER ACCURACY

Active Power	Class 0.1 (According to IEC 61557-12)
Reactive Power	Class 0.5 (According to IEC 61557-12)
Apparent Power	Class 0.2 (According to IEC 61557-12)
Power Factor	Class 0.5 (According to IEC 61557-12)

ENERGY ACCURACY

Active Energy	Class 0.1S and Class 0.1 (According to IEC 62053-22 and ANSI C12.1)
Reactive Energy	Class 1 (According to IEC 61557-12)
Apparent Energy	Class 0.5 (According to IEC 61557-12)

FREQUENCY ACCURACY

Frequency	Class 0.05 (According to IEC 61557-12)
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HARMONIC RESOLUTION

Voltage	2nd – 127th (According to IEC 61000-4-7 Class I)
Current	2nd – 63rd (According to IEC 61000-4-7 Class I)

Electrical

CONTROL POWER

Operating Range	24 V DC ±10 %
Total System Power	≤ 18 W for 96 Channel System
Power Surge Withstand	±1 kV IEC 61000-4-5
USB Power	≥ 7.5 W
RTC Battery	UL 1642 Compliant; Battery Life ≥ 5 Years

FUNCTION LIST

● Function; Blank NA

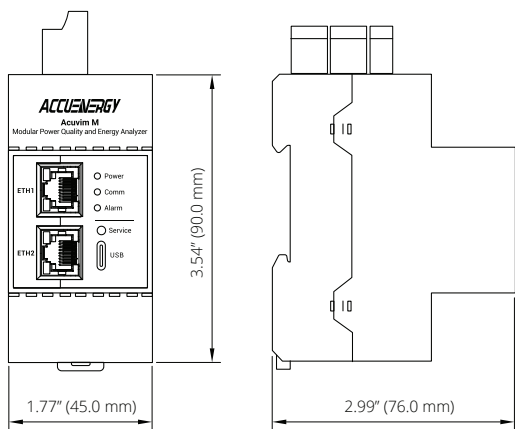
REAL-TIME	Parameters	Meter Head Gateway	Voltage Module	Current Module
Line Voltage	V_A, V_B, V_C		●	
Phase Voltage	V_AB, V_BC, V_CA		●	
Phase Current	I Per Channel			●
Neutral Current	I _{n_meas} or I _{calc}			●
Active Power	P Per Phase, Channel and System		●	●
Reactive Power	Q Per Phase, Channel and System		●	●
Apparent Power	S Per Phase, Channel and System		●	●
Power Factor	PF Per Phase, Channel and System		●	●
Frequency	F Per Phase		●	
Load Nature	L/C/R		●	●
Voltage / Current Phase Angles	∠V _{LN} , ∠V _{LL} , ∠I		●	●
POWER QUALITY				
Voltage Unbalance	u ₂ / u ₀ Per Voltage Phase		●	
Current Unbalance	Per Current Channel			●
Voltage Harmonics	2nd- 127th		●	
Current Harmonics	2nd- 63rd			●
Voltage THD / OTHD / ETHD,	Per Voltage Phase		●	
Current THD / OTHD / ETHD,	Per Current Channel			●
Voltage Crest Factor	CF _v Per Voltage Phase		●	
Current K Factor	K Factor			●
Current TDD	TDD _I Per Current Channel			●
Flicker	P _f , P _{st} , P _{lt} Per Voltage Phase		●	
SEQUENCE				
Voltage Sequence	V ₁ / V ₂ / V ₀ Per Voltage Phase		●	
Current Sequence	I ₁ / I ₂ / I ₀ Per Current Channel			●
Power Quality Aggregation	½ Cycle ; 10/12 Cycle; 150/180 Cycle; 10 Minutes ; 2 Hours		●	●
STATISTICS				
Max / Min Values with timestamp	V _{LN} , V _{LL} , I Per Channel, F _{Max} , F _{Min} , P, Q, S PF Lead / Lag, u ₂ , u ₀ , i ₂ , i ₀ Each Phase THD _V & Each Channel THD _I ,		●	●
ENERGY				
Active Energy	Ep_imp, Ep_exp, Ep_total, Ep_net		●	●
Reactive Energy	Eq_imp, Eq_exp, Eq_total, Eq_net		●	●
Apparent Energy	Es		●	●
DEMAND				
Current Demand	Per Channel			●
Power Demand with timestamp	Active Power, Reactive Power, Apparent Power Per Channel and Phase Instance		●	●
POWER QUALITY (PQ) EVENTS				
Voltage PQ Events with Waveform Capture	Sag, Swell, Interruption		●	
Current PQ Events with Waveform Capture	Current Swell			●
Frequency Events	Over-Frequency, Under-Frequency, Frequency Change		●	
Voltage Waveform	1024 / 512 / 256 / 128 / 64 / 32 spc		●	

FUNCTION LIST

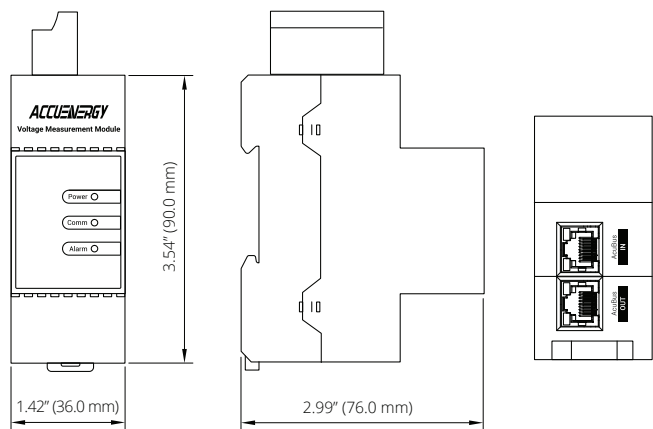
Current Waveform	128 / 64 / 32 spc				•
Pre-Trigger, Post-Trigger Capture	1-10 Cycles Pre-Trigger; 1-20 Cycles Post-Trade		•		•
File Recording	COMTRADE; PQDIF	•			
PQ Event Log	Independent Circular Log	•			
LOGGING					
Data Log	Up to 3 Independent Loggers	•			
Trend Log	Sparse Long-Term Log	•			
System Log	Device / System Event Log	•			
Audit Log	User-Action Security Trail	•			
Local Storage	32 GB	•			
ALARMS					
Fixed Alarm Configuration	Module Status, Current, Power, Voltage, Frequency, Phase Order	•	•		•
Custom Alarm Config	User-Defined Alarm Entries Up To 500 Entries	•	•		•
Alarm Sources	Fixed Alarm, Custom Alarm, CT Wiring, Phase Error, RTC, Storage Low, Certificate	•			
Alarm Status	Modbus, Web UI, SNMP Trap, Email	•			
Alarm Log	Up To 65,535 Circular Entries	•			
COMMUNICATION					
Ethernet	2 Ports; RSTP / Daisy-Chain	•			
RS485	2 Half-Duplex Ports, Baud Rates Of 9.6 – 115.2 Kbps	•			
USB	1 Type-C Port	•			
AcuBus	24 VDC Power, Time and Data Synchronization	•	•		•
Virtual Devices	Arithmetic Derivation and Aggregate / Re-Map Registers	•			
Configuration Templates	Official And Customized Modbus Templates	•			
Working Modes	Parameters Mapping, Pass-Through, and Device Mirror	•			
Web Devices	Manage and Monitor Downstream Device	•			
Configuration Import	Upload JSON/YAML Configuration	•			
Configuration Export	Download JSON/YAML Configuration	•			
Unified Layer Services	RPP Measurement and Gateway Data	•			
MAINTENANCE					
Device Reboot	Software Restart	•			
Factory Reset	Restore Factory Settings	•			
Network Reset	Reset Network Configuration Settings	•			
Counter Clearing	Reset Energy, Demand, Max/Min, Runtime, Load Time	•	•		•
Log Clearing	Clear Data Log, Rapid Log, Trend Log, Alarm Log, PQ Log, System Log, Audit Log, COMTRADE Files, PQDIF Files	•			
ACCESS CONTROL AND SECURITY					
Users and Roles	Up To 32 Users and 16 Roles	•			
Password Policy	Enforced Password Complexity, History, and Expiry Period	•			
Session Timeout	Configurable Timeout After Inactivity	•			
Account Lockout	Configurable Lockout after Failed Attempts	•			
IP Access Control	IP Whitelist / Blacklist	•			
Certificate Management	TLS/SSL certificates	•			
Remote Access	Device Management and Monitoring	•			
System Settings	Configure Network Settings, Time, Frequency, Firmware, Language Settings using HTTPS	•			

Module Dimensions

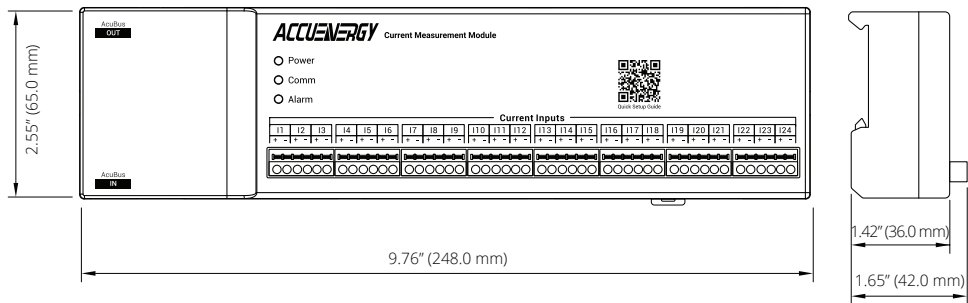
Acuvim-M-MH Module



Acuvim-M-V-3A Module

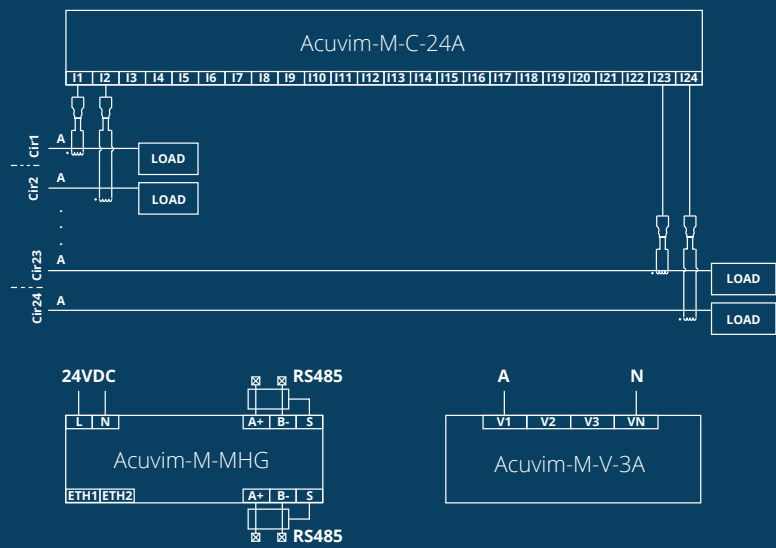


Acuvim-M-C-24A Module



WIRING DIAGRAMS

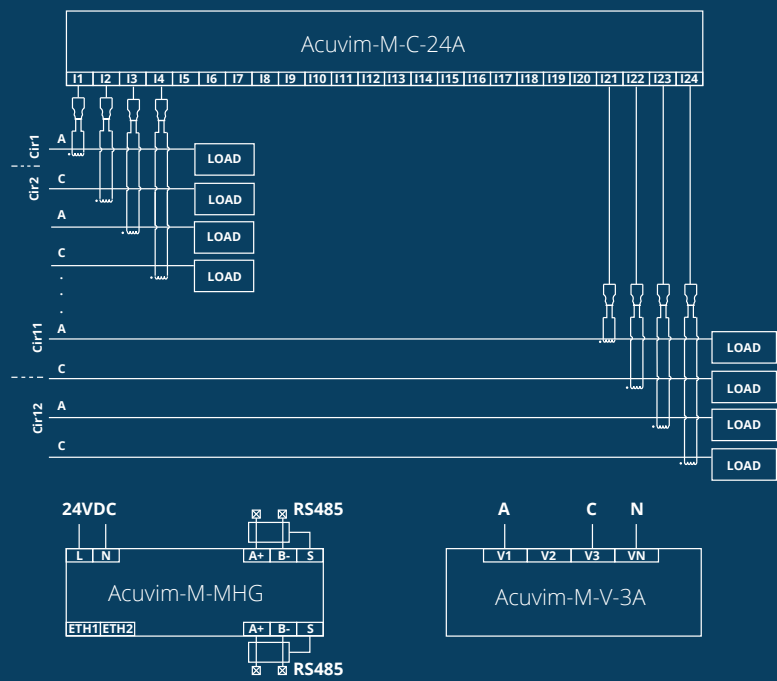
1 ELEMENT 2 WIRE



Input Channel	Phase A	Input Channel	Phase A
Channel 1	I1	Channel 13	I13
Channel 2	I2	Channel 14	I14
Channel 3	I3	Channel 15	I15
Channel 4	I4	Channel 16	I16
Channel 5	I5	Channel 17	I17
Channel 6	I6	Channel 18	I18
Channel 7	I7	Channel 19	I19
Channel 8	I8	Channel 20	I20
Channel 9	I9	Channel 21	I21
Channel 10	I10	Channel 22	I22
Channel 11	I11	Channel 23	I23
Channel 12	I12	Channel 24	I24

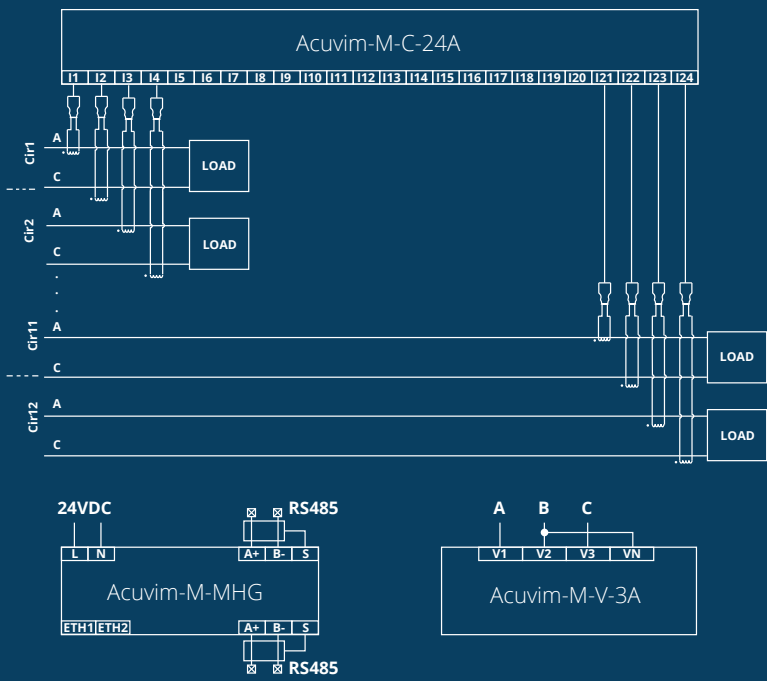
WIRING DIAGRAMS

2 ELEMENT 3 WIRE 1 PHASE



User Channel	Phase A	Phase C
Channel 1	I1	I2
Channel 2	I3	I4
Channel 3	I5	I6
Channel 4	I7	I8
Channel 5	I9	I10
Channel 6	I11	I12
Channel 7	I13	I14
Channel 8	I15	I16
Channel 9	I17	I18
Channel 10	I19	I20
Channel 11	I21	I22
Channel 12	I23	I24

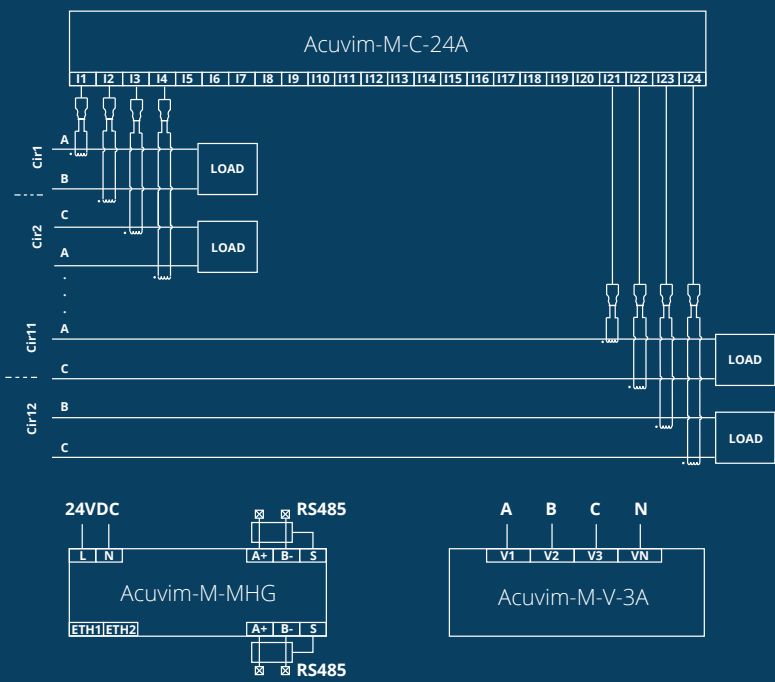
2 ELEMENT 3 WIRE DELTA



User Channel	Phase AB	Phase BC
Channel 1	I1	I2
Channel 2	I3	I4
Channel 3	I5	I6
Channel 4	I7	I8
Channel 5	I9	I10
Channel 6	I11	I12
Channel 7	I13	I14
Channel 8	I15	I16
Channel 9	I17	I18
Channel 10	I19	I20
Channel 11	I21	I22
Channel 12	I23	I24

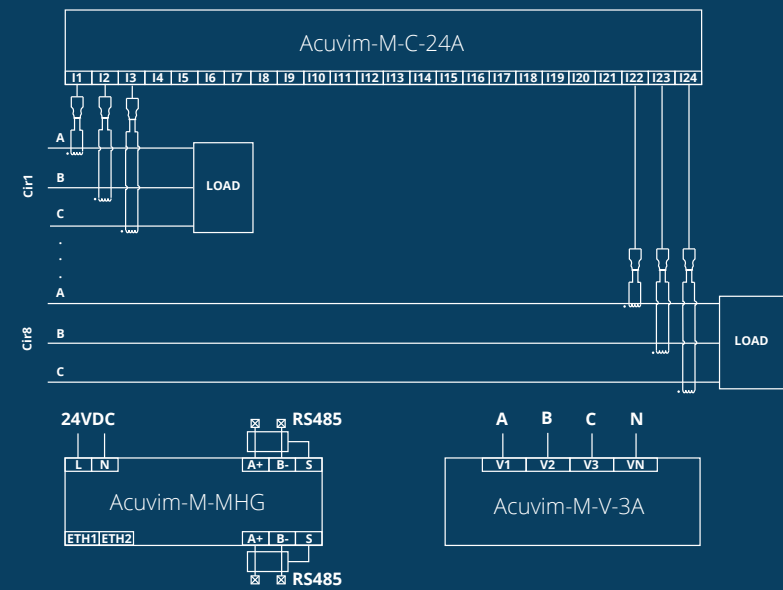
WIRING DIAGRAMS

2 ELEMENT 3 WIRE NETWORK



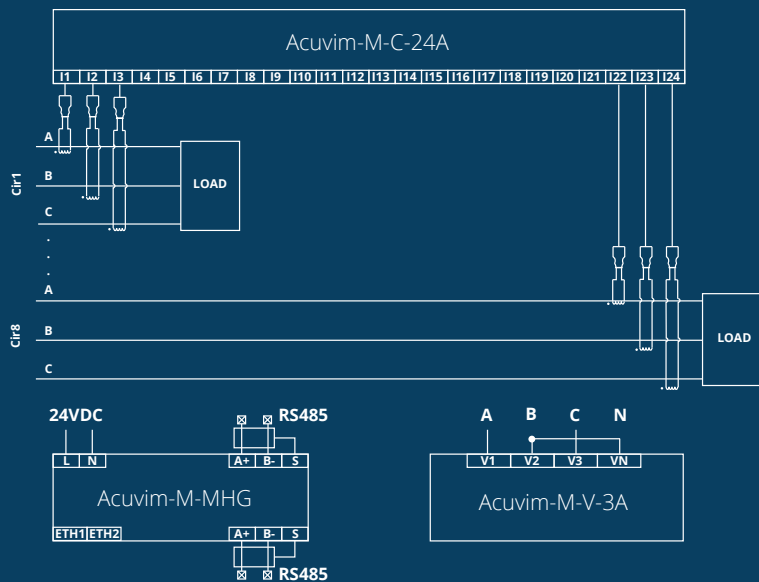
User Channel	Phase A	Phase B	Phase C
Channel 1	I1	I2	
Channel 2	I4		I3
Channel 3		I5	I6
Channel 4	I7	I8	
Channel 5	I10		I9
Channel 6		I11	I12
Channel 7	I13	I14	
Channel 8	I16		I15
Channel 9		I17	I18
Channel 10	I19	I20	
Channel 11	I21		I22
Channel 12		I23	I24

3 ELEMENT 4 WIRE WYE



User Channel	Phase A	Phase B	Phase C
Channel 1	I1	I2	I3
Channel 2	I4	I5	I6
Channel 3	I7	I8	I9
Channel 4	I10	I11	I12
Channel 5	I13	I14	I15
Channel 6	I16	I17	I18
Channel 7	I19	I20	I21
Channel 8	I22	I23	I24

3 ELEMENT 3 WIRE DELTA



User Channel	Phase A	Phase B	Phase C
Channel 1	I1	I2	I3
Channel 2	I4	I5	I6
Channel 3	I7	I8	I9
Channel 4	I10	I11	I12
Channel 5	I13	I14	I15
Channel 6	I16	I17	I18
Channel 7	I19	I20	I21
Channel 8	I22	I23	I24

ORDERING INFORMATION

Acuvim M System[#]

+ Meter Head Gateway Module - Voltage Measurement Module - Current Measurement Module		
Acuvim-M-MHG: Meter Head Gateway	Acuvim-M-V-3A: Voltage Module	Acuvim-M-C-24A: Current Module 333 mV and Rogowski Coil [*]
Ordering Example:	1x Acuvim-M-MHG - 1x Acuvim-M-V-3A - 2x Acuvim-M-C-24A	
	1x Acuvim-M-MHG - 2x Acuvim-M-V-3A - 3x Acuvim-M-C-24A	

[#]Note: Each Acuvim M requires exactly one Meter Head Gateway (Acuvim-M-MHG). Based on measurement requirements, systems can be scaled with 1 to 2 Voltage Modules (Acuvim-M-V-3A) and 1 to 4 Current Modules (Acuvim-M-C-24A).

^{*}Note: AcuCT A, AcuCT R, AcuCT S and AcuCT Flex CTs for the module input are available at Accuenergy. Refer <https://www.accuenergy.com/products/current-transformers/> for further details.

+ Universal I/O Modules (Optional) [*] - Configuration	
AcuIOM	1: 8 Analog Inputs, 2 Analog Outputs
	2: 16 Analog Inputs, 4 Analog Outputs
	3: 14 Digital Inputs, 2 Digital Outputs, 2 Relay Outputs
	4: 28 Digital Inputs, 4 Digital Outputs, 2 Relay Outputs
Ordering Example:	AcuIOM-1

+ AcuHMI Display and Gateway (Optional) [*] - Function Type - Screen Size		
AcuHMI	1: Standard Edition	7
Ordering Example:	AcuHMI-1-7	

^{*}Note: AcuHMI and AcuIOM are standalone and must be ordered separately as distinct products.



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Revision Date: September 2026 Version: 1.0.0
Specs Subject To Change Without Notice.



ISO 9001, 14001
& 45001 Certified



ISO 27001 &
50001 Certified

