AXM-WEB2 FOLC

FIBER OPTICS Module for Acuvim II Series Meters

AXM-WEB2 FOLC provides fast Fiber Optics LC port, single Ethernet port and WiFi communication channel for the Acuvim II Series power meter. Wide range of communication protocols are supported such as Modbus-TCP/IP, HTTP/HTTPs Post, FTP, sFTP, BACnet-IP, DNP3 V2, SNMP V3, IEC61850 2nd edition, SMTP and NTP time synchronization.

- Duplex Fiber Optics LC connector
- 802.3u Fast Ethernet 100Base-FX compatible for up to a reach of 2,000 m
- Multimode 62.5/125 µm and 50/125 µm for diverse and cost-effective applications such as data centers, battery storage and central utility plants
- 1310nm wavelength reduces signal loss and absorption
- Fiber optic, ethernet and WiFi works simultaneously with different networks and data acquisition systems
- COMtrade format for waveform capture
- 8GB onboard memory with 1-second interval datalogging
- Industry leading 100ms and 40ms response rate via Modbus-TCP/IP protocol
- Secure HTTPs data encryption to cloud server
- SSL encrypted webserver plus TLS 1.2 compliance for industry-leading cybersecurity standard
- Metering data backup log to avoid data loss during network downtime
- Support industrial, utility and substation protocols IEC 61850, DNP 3.0 V2, Modbus-TCP/IP, SNMP, HTTP/HTTPs Post, FTP & SNTP
- Built-in sFTP server for data-log storage and retrival.
- Graphical display of historical data trends on all parameters
- WiFi supports Access Point mode and Station mode for both direct connection/configuration and public WiFi network connection

Specifications:

COMMUNICATION

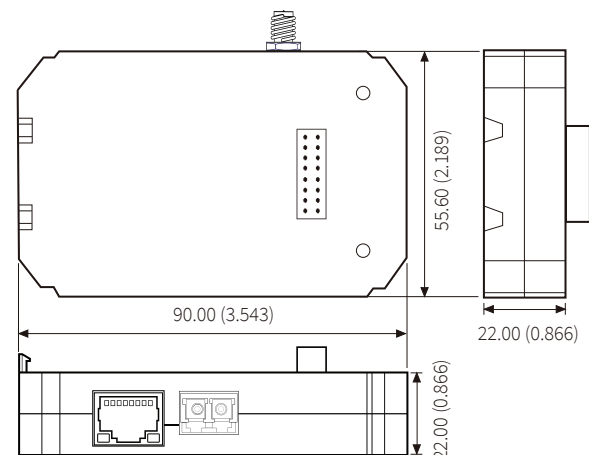| |
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| 802.3u 100Base-FX compatible |
| Wavelength: 1310nm |
| Connector Type: LC |
| Optical Fiber Details: Multimode |
| 62.5/125 µm and 50/125 µm |
| LAN RJ45 10/100M Ethernet |
| WiFi: 2.4GHz |
| Protocols: Modbus-TCP/IP, BACnet-IP, SNMP V3, DNP 3.0 V2, IEC 61850 2nd Edition, SMTP, NTP, HTTP post, HTTPs post, FTP post, sFTP server, HTTPs webserver |

DIMENSIONS

55.60 (2.189)
90.00 (3.543)
22.00 (0.866)
22.00 (0.866)