DA Series
Digital Meter Monitoring Terminal

Description

DA-type digital meter monitoring terminal is a communication management machine product based on embedded hardware. The system adopts Linux operating system and is stable, reliable, and easy to use. It adopts a highly integrated new generation of 32-bit computer internally, and can be integrated with our company's dedicated communication management software. It can be used to collect information from the entire field of power distribution automation system and send it to the local background or remote dispatching master station, and at the same time, it will pass the command of the background or master station to each measurement and control device to achieve local or remote control.

DA-type digital meter monitoring terminals can directly collect data from all devices in the automation system, supporting over 100 protocols, such as Modbus, IEC101, IEC103, IEC104, IEC61850, CSC2000, DL645, etc., and send them to the monitoring background through the user-specified communication protocol (101, 104, Modbus, CDT, etc.) and communication medium (ethernet, fiber optics, etc.), completing the background monitoring of the entire site.

DA Series
Digital meter monitoring terminal

Features

Support Modbus, IEC101, IEC103, IEC104, CSC2000, DL645 and other up to 100 protocol conversion, fully support IEC61850 standard.
- Support the State Grid "Smart Substation Technical specification Part 4: Digital remote meter" meter access.
- Support multi-channel adaptive industrial 10/100M Ethernet, 2/4 optional; Multiple RS485 ports, 4/8/16 optional.
- Support one single mode and one multi-mode fiber output.
- Support a variety of voltage access, a variety of installation methods.
- Support data storage, block logic programming.
- The RS485 port uses optoelectronic isolator.
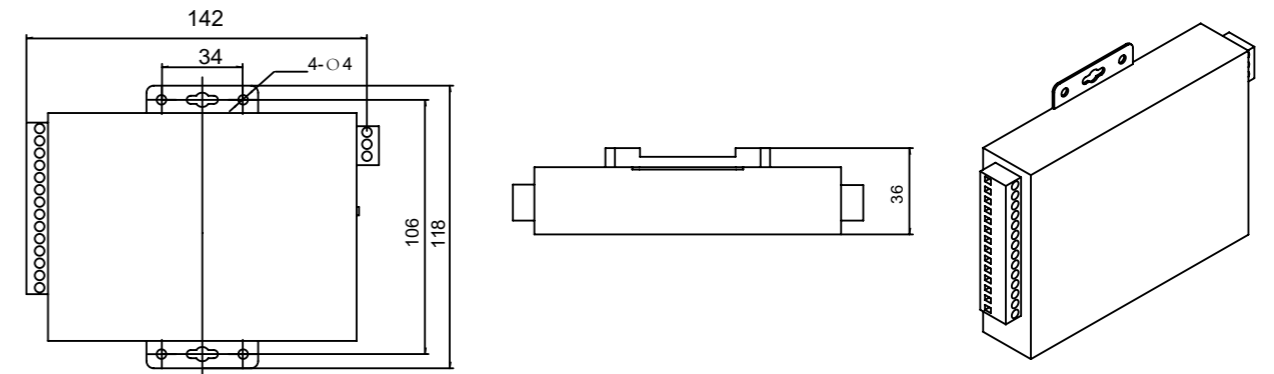
Application

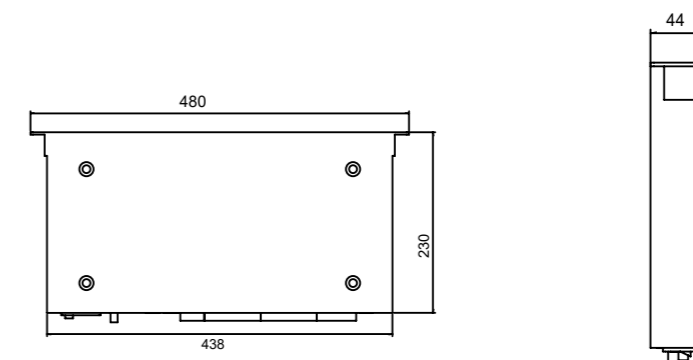- Online Monitoring of Digital Meters

Technical parameters	
Ambient condition	-40℃ ~ +85℃
Operating voltage	220VAC/220VDC (some series use DC24V power supply)
Power consumption	<15W

Model	Instruction	Installation	Operate power
DA8240	Two 10M/100M Ethernet ports and four RS485 ports	Flat mounting	9~24VDC
DA8600-8-D	Four 10M/100M Ethernet ports and eight RS485 ports	Flat mounting	12~24VDC
DA8600-8	Four 10M/100M Ethernet ports and eight RS485 ports	1U rack mounting	85~230VDC/VAC
DA8600-16	Four 10M/100M Ethernet ports and sixteen RS485 ports	1U rack mounting	85~230VDC/VAC
DA8600-8-F	Two 10M/100M Ethernet ports, eight RS485 ports, One single-mode Fibre Channel port and one multi-mode Fibre Channel port	1U rack mounting	85~230VDC/VAC

Dimensions

IED-8240

IED-8600