# Elecnova

Electric Application Solution Expert

## DDS 1946-1P DDSF 1946-1P

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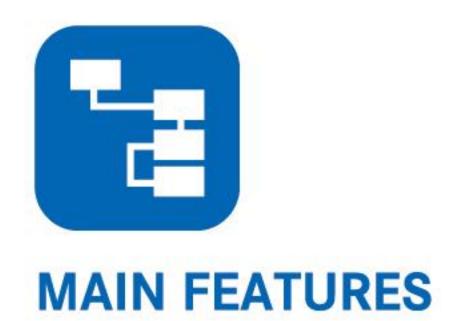






Energy Management Sub-item Metering Power Monitoring





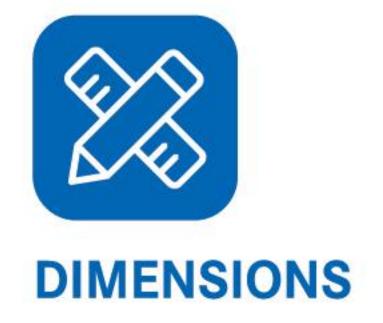
-Direct measurement up to 40A

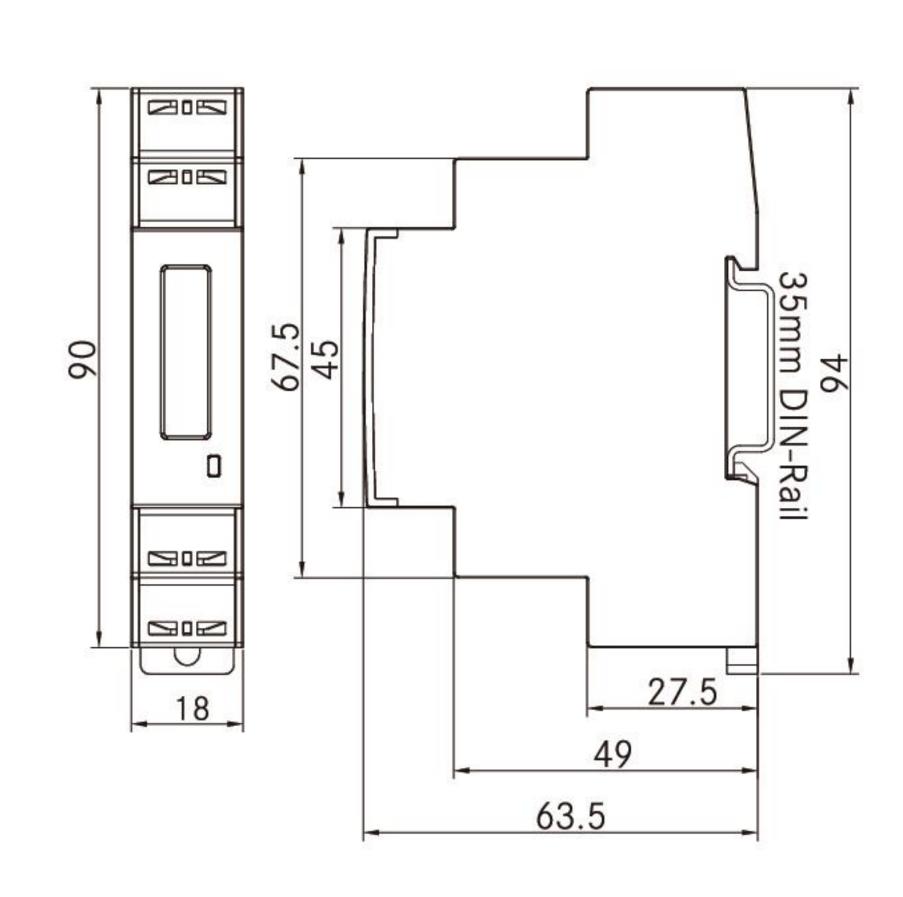
#### Communication

-Interface: RS485 -Protocol: Modbus-RTU

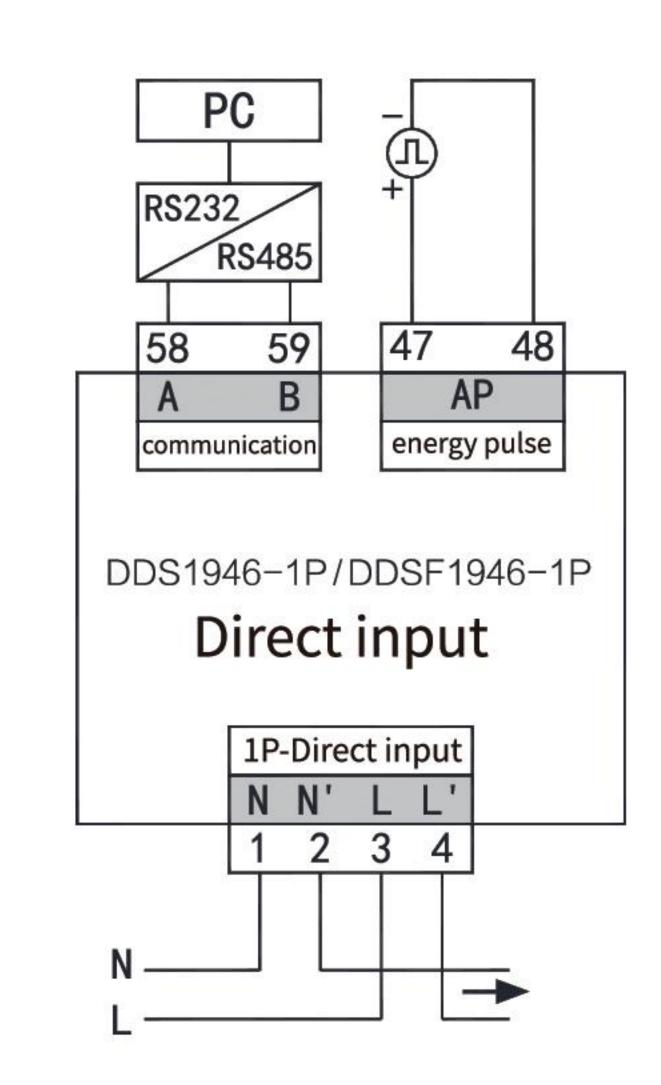
### **Energy Metering**

-Bi-directional energy -Tariff energy











#### **TECHNICAL SPECIFICATION**

Display Mode		LCD
Accuracy		Class 1
Measuring		U, I, P, PF, F
Wiring		1P2W
Voltage		AC230V, 0.4Un-1.2Un
Frequency		50Hz-60Hz
Current Input	Direct Input	5(40)A
	Start Current	0.004lb
Energy Pulse		1 output, pulse width (80 ± 20%)ms
Tarriffs		Optional
Consumption		<2VA
RTC Error		0.5s/day
Communication		RS485, Modbus RTU, 2-wire, up to 9600bps
IP Degree		Front IP51
Operating Tempreature		-25 °C -55 °C
Storage Temperature		-25 °C -70 °C
Relative Humidity		≤95% (no condensation)
Insulation		IEC61010-1
Certificate		CE
Active energy		IEC62053-21