

DEPAR

POWER QUALITY ANALYZER



Description

DEPAR is an IEC 61000-4-30 Class S compliant power quality analyzer. It is designed for measuring and analyzing electrical parameters of low voltage distribution network. The internal GSM modem allows remote monitoring and control of distribution network.

Application Areas

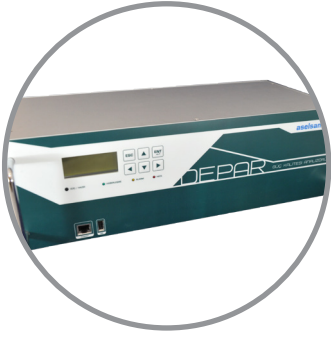
- Distribution Network
- Distribution Substations

Typical Applications

- Power Quality Measurement
- Energy Metering
- Remote Monitoring and Control

Features

- Power Quality Measurement (IEC 61000-4-30 Class S)
 - Voltage, Current, Frequency
 - Voltage Swell, Sag and Interruption
 - Voltage/Current Unbalance
 - Voltage/Current Harmonic from 1st to 40th orders
- Power and Energy Measurement
 - Active/Reactive/Apparent Power
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 - Power Factor
- Integrated GSM Modem
- Communication Interfaces
 - GPRS/EDGE/3G (DATA)
 - Ethernet (IEC 60870-5-104)
 - RS485
- 8 GB internal memory
- LCD display



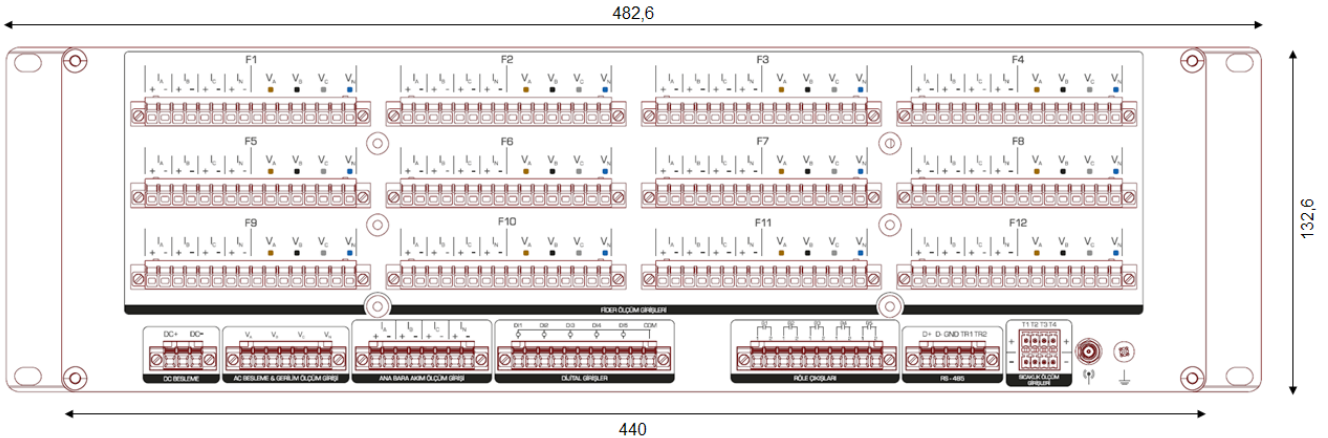
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Technical Specifications

Connection Type	: 3-phase 4-wire
Nominal Measurement Voltage	: 230 VAC Phase-to-Neutral
Nominal Measurement Frequency	: 50 Hz
Nominal Current Measurement Input	: 5A
Number of Voltage Meas. Channels	: 4 (3 phase-neutral+ 1 neutral-ground)
Number of Current Meas. Channels	: 52 (13 feeders, 3 phase + neutral)
Voltage Measurement Accuracy	: 0.5%
Current Measurement Accuracy	: 2%
Frequency Measurement Accuracy	: 50 mHz
Other Interfaces	: USB, GSM antenna, Ethernet
Number of Fuse Inputs	: 36
Number of Digital Inputs	: 5
Number of Digital Outputs	: 5
Communication Protocols	: IEC 60870-5-104
Power Supply	: 85-300 VAC / 18-72VDC
Operating Temperature	: -25°C / +55°C
Storage Temperature	: -40°C / +70°C
Mounting Type	: 3U 19" Rack Mount / Panel Mount
IP Rating	: IP41 front panel, IP20 back panel

Mechanical Dimensions (mm)



This product has been jointly developed by ASELSAN and Boğaziçi Elektrik Dağıtım A.Ş.