

Global Travelling Wave Fault Location System for Distribution Network Supply, Demand and Key Producers, 2023-2029

https://marketpublishers.com/r/G120CC051951EN.html

Date: March 2023

Pages: 107

Price: US\$ 4,480.00 (Single User License)

ID: G120CC051951EN

Abstracts

The global Travelling Wave Fault Location System for Distribution Network market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

Distribution lines stretch out into the wild, and the operating environment is complex. They often fail due to external forces such as lightning, wildfires, and trees, and cause power outages for users, affecting production and life, and bringing direct power sales losses to the grid. Therefore, it is particularly important for the operation of the power grid to provide early warning of defects before a fault occurs, and quickly find and eliminate it after a fault occurs.

The distribution network traveling wave fault early warning and location system is based on mature traveling wave ranging technology, which integrates many advanced technologies such as smart sensors, mixed supply and energy extraction, and deep learning algorithms, and wide-area synchronous collection of high-frequency traveling wave currents of distribution lines, Power frequency current, can monitor the potential grounding hazards of the line without omission, give early warning, and realize precise positioning of faults at the tower level. To achieve the purpose of strengthening the investigation of hidden dangers of line defects, improving the accurate positioning and rapid processing of single-line grounding faults in distribution networks, and providing technical support for lean operation and maintenance of distribution networks.

This report studies the global Travelling Wave Fault Location System for Distribution Network production, demand, key manufacturers, and key regions.



This report is a detailed and comprehensive analysis of the world market for Travelling Wave Fault Location System for Distribution Network, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Travelling Wave Fault Location System for Distribution Network that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Travelling Wave Fault Location System for Distribution Network total production and demand, 2018-2029, (K Units)

Global Travelling Wave Fault Location System for Distribution Network total production value, 2018-2029, (USD Million)

Global Travelling Wave Fault Location System for Distribution Network production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Travelling Wave Fault Location System for Distribution Network consumption by region & country, CAGR, 2018-2029 & (K Units)

U.S. VS China: Travelling Wave Fault Location System for Distribution Network domestic production, consumption, key domestic manufacturers and share

Global Travelling Wave Fault Location System for Distribution Network production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Units)

Global Travelling Wave Fault Location System for Distribution Network production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Travelling Wave Fault Location System for Distribution Network production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Units)

This reports profiles key players in the global Travelling Wave Fault Location System for Distribution Network market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Qualitrol (Fortive), Schweitzer Engineering Laboratories, GE Grid Solutions, Altanova-Group



(Doble), Huadianyuntong, SUNSHINE POWER SCIENCE & TECHNOLOGY, CYG SUNRI, Zh-power and Yanneng Electrical Technology, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Travelling Wave Fault Location System for Distribution Network market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global Travelling Wave Fault Location System for Distribution Network Market, By Region:

United States
China
Europe
Japan
South Korea
ASEAN
India

Rest of World

Global Travelling Wave Fault Location System for Distribution Network Market,



Segmentation by Type

Fault Location Accuracy: 100 Meters Below

Fault Location Accuracy: 100-150 Meters

Fault Location Accuracy: 151-200 Meters

Fault Location Accuracy: 200 Meters Above

Global Travelling Wave Fault Location System for Distribution Network Market, Segmentation by Application

Overhead Line

Underground Cable

Companies Profiled:

Qualitrol (Fortive)

Schweitzer Engineering Laboratories

GE Grid Solutions

Altanova-Group (Doble)

Huadianyuntong

SUNSHINE POWER SCIENCE & TECHNOLOGY

CYG SUNRI

Zh-power

Yanneng Electrical Technology



Pimcent
Zhonghengguodian
Inhegrid
Shengruilong

Key Questions Answered

- 1. How big is the global Travelling Wave Fault Location System for Distribution Network market?
- 2. What is the demand of the global Travelling Wave Fault Location System for Distribution Network market?
- 3. What is the year over year growth of the global Travelling Wave Fault Location System for Distribution Network market?
- 4. What is the production and production value of the global Travelling Wave Fault Location System for Distribution Network market?
- 5. Who are the key producers in the global Travelling Wave Fault Location System for Distribution Network market?
- 6. What are the growth factors driving the market demand?



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