

Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) Industrial Safety Relays and Timers Market 2018, Forecast to 2023

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Abstracts

Safety relays are devices that generally implement safety functions. Relays and contactors were used to control plant and machinery in the early days of control technology. In the event of a hazardous situation, the actuator was simply isolated from the energy supply. This type of protection system could be manipulated in the event of a malfunction, disabling the protective function. Special relay circuits, such as the three-contactor combination, were the first designs to come out of deliberations into how this could be avoided.

Scope of the Report:

This report focuses on the Industrial Safety Relays and Timers in global market, especially in North America, Europe and Asia-Pacific, South America, Middle East and Africa. This report categorizes the market based on manufacturers, regions, type and application.

The design technology is the main difference between the safety relays. Three types of safety relays are Classic contact-based relay, Relays with electronic evaluation and contact-based volt-free outputs and Fully electronic devices with semiconductor outputs relays.

The worldwide market for Industrial Safety Relays and Timers is expected to grow at a CAGR of roughly xx% over the next five years, will reach xx million US\$ in 2023, from xx million US\$ in 2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers

ABB

EATON

Rockwell Automation

Schneider Electric

Siemens

Euchner-USA

Panasonic Electric Works

Pilz

SICK

Yokogawa Electric

Market Segment by Regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

Asia-Pacific (China, Japan, Korea, India and Southeast Asia)

South America (Brazil, Argentina, Colombia etc.)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

Classic contact-based relay

Electronic evaluation and contact-based volt-free outputs

Fully electronic devices

Market Segment by Applications, can be divided into

Factory Automation

Power and Utility

Building Security

There are 15 Chapters to deeply display the global Industrial Safety Relays and Timers market.

Chapter 1, to describe Industrial Safety Relays and Timers Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of Industrial Safety Relays and Timers, with sales, revenue, and price of Industrial Safety Relays and Timers, in 2016 and 2017;

Chapter 3, to display the competitive situation among the top manufacturers, with sales, revenue and market share in 2016 and 2017;

Chapter 4, to show the global market by regions, with sales, revenue and market share of Industrial Safety Relays and Timers, for each region, from 2013 to 2018;

Chapter 5, 6, 7, 8 and 9, to analyze the market by countries, by type, by application and by manufacturers, with sales, revenue and market share by key countries in these regions;

Chapter 10 and 11, to show the market by type and application, with sales market share and growth rate by type, application, from 2013 to 2018;

Chapter 12, Industrial Safety Relays and Timers market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

Chapter 13, 14 and 15, to describe Industrial Safety Relays and Timers sales channel,

Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) Industrial Safety Relays a...

distributors, traders, dealers, Research Findings and Conclusion, appendix and data source

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