

# 2018-2023 Global SSRs (Solid State Relays) Consumption Market Report

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## Abstracts

The report requires updating with new data and is sent in 48 hours after order is placed.

In this report, LP Information covers the present scenario (with the base year being 2017) and the growth prospects of global SSRs (Solid State Relays) market for 2018-2023.

SSRs (Solid State Relays) have no movable contacts. SSRs are not very different in operation from mechanical relays that have movable contacts. SSRs, however, employ semiconductor switching elements, such as thyristors, triacs, diodes, and transistors. SSRs consist of electronic parts with no mechanical contacts. Therefore, SSRs have a variety of features that mechanical relays do not incorporate. The greatest feature of SSRs is that SSRs do not use switching contacts that will physically wear out. SSRs are ideal for a wide range of applications due to the following performance characteristics.

In the coming years there is an increasing demand for Solid State Relay in the regions of China, North America and Europe that is expected to drive the market for more advanced Solid State Relay. Increasing of Industrial Automation Equipment, Building Automation fields expenditures, More-intense competition, Launches in introducing new products, Retrofitting and renovation of old technology, Increasing adoption of Solid State Relay will drive growth in China, United States and Europe markets.

There are many manufacturers including OMRON, Panasonic, Crydom, Fujitsu Limited, Jinxinrong, IXYS, AVAGO, TE, CELDUC, Sharp, Siemens, Rockwell Automation, OPTO22, Schneider, Carlo gavazzi, JiangSu GIOD Electrical Control Technology, Vishay, Bright Toward and CLION, The largest manufacturer is OMRON, whose market share is 13.53% in 2017.

The consumption volume of Solid State Relay is related to downstream industries and global economy. As there will always be some uncertain in the global economy in the

following years, the growth rate of Solid State Relay industry may not keep that fast. But it is surely forecasted that the market of Solid State Relay is still promising.

Over the next five years, LPI(LP Information) projects that SSRs (Solid State Relays) will register a 8.4% CAGR in terms of revenue, reach US\$ 1360 million by 2023, from US\$ 840 million in 2017.

This report presents a comprehensive overview, market shares, and growth opportunities of SSRs (Solid State Relays) market by product type, application, key manufacturers and key regions.

To calculate the market size, LP Information considers value and volume generated from the sales of the following segments:

Segmentation by product type:

Panel Mount

DIN Rail Mount

PCB Mount

Others

Segmentation by application:

Industrial Automation Equipment

Building Automation

Home Appliances

Power & Energy

Others

This report also splits the market by region:

## Americas

United States

Canada

Mexico

Brazil

## APAC

China

Japan

Korea

Southeast Asia

India

Australia

## Europe

Germany

France

UK

Italy

Russia

Spain

## Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The report also presents the market competition landscape and a corresponding detailed analysis of the major vendor/manufacturers in the market. The key manufacturers covered in this report:

OMRON

Panasonic

Crydom

Fujitsu Limited

Jinxinrong

IXYS

AVAGO

TE

CELDUC

Sharp

Siemens

Rockwell Automation

OPTO22

Schneider

Carlo gavazzi

JiangSu GIOD Electrical Control Technology

Vishay

Bright Toward

CLION

In addition, this report discusses the key drivers influencing market growth, opportunities, the challenges and the risks faced by key manufacturers and the market as a whole. It also analyzes key emerging trends and their impact on present and future development.

## **RESEARCH OBJECTIVES**

To study and analyze the global SSRs (Solid State Relays) consumption (value & volume) by key regions/countries, product type and application, history data from 2013 to 2017, and forecast to 2023.

To understand the structure of SSRs (Solid State Relays) market by identifying its various subsegments.

Focuses on the key global SSRs (Solid State Relays) manufacturers, to define, describe and analyze the sales volume, value, market share, market competition landscape, SWOT analysis and development plans in next few years.

To analyze the SSRs (Solid State Relays) with respect to individual growth trends, future prospects, and their contribution to the total market.

To share detailed information about the key factors influencing the growth of the market (growth potential, opportunities, drivers, industry-specific challenges and

risks).

To project the consumption of SSRs (Solid State Relays) submarkets, with respect to key regions (along with their respective key countries).

To analyze competitive developments such as expansions, agreements, new product launches, and acquisitions in the market.

To strategically profile the key players and comprehensively analyze their growth strategies.

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