

# Global Relay Market Research Report 2020 (Covid-19 Version)

<https://marketpublishers.com/r/G51BF5E20378EN.html>

Date: May 2020

Pages: 211

Price: US\$ 3,500.00 (Single User License)

ID: G51BF5E20378EN

## Abstracts

### SUMMARY

A relay is an electrically operated switch. Many relays use an electromagnet to mechanically operate a switch, but other operating principles are also used, such as solid-state relays. Relays are used where it is necessary to control a circuit by a low-power signal (with complete electrical isolation between control and controlled circuits), or where several circuits must be controlled by one signal. The first relays were used in long distance telegraph circuits as amplifiers: they repeated the signal coming in from one circuit and re-transmitted it on another circuit. Relays were used extensively in telephone exchanges and early computers to perform logical operations.

Market Segment as follows:

By Region

Asia-Pacific

North America

Europe

South America

Middle East & Africa

## By Type

Latching relay

Solid state relay

Automotive relay

Overload protection relay

Electromechanical relay

Others

## By Application

Automotive

Industrial

Communications

Household Appliance

Others

## By Company

Omron

TE Connectivity

Panasonic

Fujitsu

NEC

Teledyne

ABB

Schneider Electric

Eaton

Honeywell

Fuji Electric

Sharp

Rockwell Automation

Finder

HELLA

Sprecher+Schuh

Hongfa

Song Chuan

Sanyou

Ningbo Forward

CHINT Electrics

Delixi

Hu Gong

Songle Relay

Tianyi Electrical

Qunli Electric

Ningbo Huike

The main contents of the report including:

Section 1:

Product definition, type and application, global and regional market overview;

Section 2:

Global and regional Market competition by company;

Section 3:

Global and regional sales revenue, volume and price

By Type;

Section 4:

Global and regional sales revenue, volume and price by application;

Section 5:

Regional export and import;

Section 6:

Company information, business overview, sales data and product specifications;

Section 7:

Industry chain and raw materials;

Section 8:

SWOT and Porter's Five Forces;

Section 9:

Conclusion.

## Contents

### 1 MARKET OVERVIEW

#### 1.1 Market Segment Overview

##### 1.1.1 Product Definition

##### 1.1.2 Market by Type

###### 1.1.2.1 Latching relay

Figure Latching relay Market Size and CAGR 2015-2020 (Million USD)

Figure Latching relay Market Forecast and CAGR 2020-2025 (Million USD)

###### 1.1.2.2 Solid state relay

Figure Solid state relay Market Size and CAGR 2015-2020 (Million USD)

Figure Solid state relay Market Forecast and CAGR 2020-2025 (Million USD)

###### 1.1.2.3 Automotive relay

Figure Automotive relay Market Size and CAGR 2015-2020 (Million USD)

Figure Automotive relay Market Forecast and CAGR 2020-2025 (Million USD)

###### 1.1.2.4 Overload protection relay

Figure Overload protection relay Market Size and CAGR 2015-2020 (Million USD)

Figure Overload protection relay Market Forecast and CAGR 2020-2025 (Million USD)

###### 1.1.2.5 Electromechanical relay

Figure Electromechanical relay Market Size and CAGR 2015-2020 (Million USD)

Figure Electromechanical relay Market Forecast and CAGR 2020-2025 (Million USD)

###### 1.1.2.6 Others

Figure Others Market Size and CAGR 2015-2020 (Million USD)

Figure Others Market Forecast and CAGR 2020-2025 (Million USD)

##### 1.1.3 Market by Application

###### 1.1.3.1 Automotive

Figure Automotive Market Size and CAGR 2015-2020 (Million USD)

Figure Automotive Market Forecast and CAGR 2020-2025 (Million USD)

###### 1.1.3.2 Industrial

Figure Industrial Market Size and CAGR 2015-2020 (Million USD)

Figure Industrial Market Forecast and CAGR 2020-2025 (Million USD)

###### 1.1.3.3 Communications

Figure Communications Market Size and CAGR 2015-2020 (Million USD)

Figure Communications Market Forecast and CAGR 2020-2025 (Million USD)

###### 1.1.3.4 Household Appliance

Figure Household Appliance Market Size and CAGR 2015-2020 (Million USD)

Figure Household Appliance Market Forecast and CAGR 2020-2025 (Million USD)

###### 1.1.3.5 Others

Figure Others Market Size and CAGR 2015-2020 (Million USD)

Figure Others Market Forecast and CAGR 2020-2025 (Million USD)

## 1.2 Global and Regional Market Size

### 1.2.1 Global Overview

Figure Global Relay Market Size and CAGR 2015-2020 (Million USD)

Figure Global Relay Market Forecast and CAGR 2020-2025 (Million USD)

### 1.2.2 Market by Region

#### 1.2.2.1 Asia-Pacific

Figure Asia-Pacific Relay Market Size and CAGR 2015-2020 (Million USD)

Figure Asia-Pacific Relay Market Forecast and CAGR 2020-2025 (Million USD)

#### 1.2.2.2 North America

Figure North America Relay Market Size and CAGR 2015-2020 (Million USD)

Figure North America Relay Market Forecast and CAGR 2020-2025 (Million USD)

#### 1.2.2.3 Europe

Figure Europe Relay Market Size and CAGR 2015-2020 (Million USD)

Figure Europe Relay Market Forecast and CAGR 2020-2025 (Million USD)

#### 1.2.2.4 South America

Figure South America Relay Market Size and CAGR 2015-2020 (Million USD)

Figure South America Relay Market Forecast and CAGR 2020-2025 (Million USD)

#### 1.2.2.5 Middle East & Africa

Figure Middle East & Africa Relay Market Size and CAGR 2015-2020 (Million USD)

Figure Middle East & Africa Relay Market Forecast and CAGR 2020-2025 (Million USD)

## 2 GLOBAL AND REGIONAL MARKET BY COMPANY

### 2.1 Global

#### 2.1.1 Global Sales by Company

Table Global Market Sales Revenue by Company 2015-2020

Table Global Market Sales Revenue Share by Company 2015-2020

Figure Global Market Sales Revenue Share by Company in 2020

#### 2.1.2 Global Price by Company

### 2.2 Asia-Pacific

#### 2.2.1 Asia-Pacific Sales by Company

Table Asia-Pacific Market Sales Revenue by Company 2015-2020

Table Asia-Pacific Market Sales Revenue Share by Company 2015-2020

Figure Asia-Pacific Market Sales Revenue Share by Company in 2020

#### 2.2.2 Asia-Pacific Price by Company

### 2.3 North America

#### 2.3.1 North America Sales by Company

Table North America Market Sales Revenue by Company 2015-2020

Table North America Market Sales Revenue Share by Company 2015-2020

Figure North America Market Sales Revenue Share by Company in 2020

2.3.2 North America Price by Company

2.4 Europe

2.4.1 Europe Market Sales by Company

Table Europe Market Sales Revenue by Company 2015-2020

Table Europe Market Sales Revenue Share by Company 2015-2020

Figure Europe Market Sales Revenue Share by Company in 2020

2.4.2 Europe Price by Company

2.5 South America

2.5.1 South America Sales by Company

Table South America Market Sales Revenue by Company 2015-2020

Table South America Market Sales Revenue Share by Company 2015-2020

Figure South America Market Sales Revenue Share by Company in 2020

2.5.2 South America Price by Company

2.6 Middle East & Africa

2.6.1 Middle East & Africa Sales by Company

Table Middle East & Africa Market Sales Revenue by Company 2015-2020

Table Middle East & Africa Market Sales Revenue Share by Company 2015-2020

Figure Middle East & Africa Market Sales Revenue Share by Company in 2020

2.6.2 Middle East & Africa Price by Company

### **3 GLOBAL AND REGIONAL MARKET BY TYPE**

3.1 Global

3.1.1 Global Sales by Type

Table Global Market Sales Revenue by Type 2015-2020

Table Global Market Sales Revenue Share by Type 2015-2020

Figure Global Market Sales Revenue Share by Type in 2020

3.1.2 Global Price by Type

3.2 Asia-Pacific

3.2.1 Asia-Pacific Sales by Type

Table Asia-Pacific Market Sales Revenue by Type 2015-2020

Table Asia-Pacific Market Sales Revenue Share by Type 2015-2020

Figure Asia-Pacific Market Sales Revenue Share by Type in 2020

3.2.2 Asia-Pacific Price by Type

3.3 North America

3.3.1 North America Sales by Type

Table North America Market Sales Revenue by Type 2015-2020

Table North America Market Sales Revenue Share by Type 2015-2020

Figure North America Market Sales Revenue Share by Type in 2020

3.3.2 North America Price by Type

3.4 Europe

3.4.1 Europe Market Sales by Type

Table Europe Market Sales Revenue by Type 2015-2020

Table Europe Market Sales Revenue Share by Type 2015-2020

Figure Europe Market Sales Revenue Share by Type in 2020

3.4.2 Europe Price by Type

3.5 South America

3.5.1 South America Sales by Type

Table South America Market Sales Revenue by Type 2015-2020

Table South America Market Sales Revenue Share by Type 2015-2020

Figure South America Market Sales Revenue Share by Type in 2020

3.5.2 South America Price by Type

3.6 Middle East & Africa

3.6.1 Middle East & Africa Sales by Type

Table Middle East & Africa Market Sales Revenue by Type 2015-2020

Table Middle East & Africa Market Sales Revenue Share by Type 2015-2020

Figure Middle East & Africa Market Sales Revenue Share by Type in 2020

3.6.2 Middle East & Africa Price by Type

## **4 GLOBAL AND REGIONAL MARKET BY APPLICATION**

4.1 Global

4.1.1 Global Sales by Application

Table Global Market Sales Revenue by Application 2015-2020

Table Global Market Sales Revenue Share by Application 2015-2020

Figure Global Market Sales Revenue Share by Application in 2020

4.1.2 Global Price by Application

4.2 Asia-Pacific

4.2.1 Asia-Pacific Sales by Application

Table Asia-Pacific Market Sales Revenue by Application 2015-2020

Table Asia-Pacific Market Sales Revenue Share by Application 2015-2020

Figure Asia-Pacific Market Sales Revenue Share by Application in 2020

4.2.2 Asia-Pacific Price by Application

4.3 North America

4.3.1 North America Sales by Application



Table North America Market Sales Revenue by Application 2015-2020

Table North America Market Sales Revenue Share by Application 2015-2020

Figure North America Market Sales Revenue Share by Application in 2020

4.3.2 North America Price by Application

4.4 Europe

4.4.1 Europe Market Sales by Application

Table Europe Market Sales Revenue by Application 2015-2020

Table Europe Market Sales Revenue Share by Application 2015-2020

Figure Europe Market Sales Revenue Share by Application in 2020

4.4.2 Europe Price by Application

4.5 South America

4.5.1 South America Sales by Application

Table South America Market Sales Revenue by Application 2015-2020

Table South America Market Sales Revenue Share by Application 2015-2020

Figure South America Market Sales Revenue Share by Application in 2020

4.5.2 South America Price by Application

4.6 Middle East & Africa

4.6.1 Middle East & Africa Sales by Application

Table Middle East & Africa Market Sales Revenue by Application 2015-2020

Table Middle East & Africa Market Sales Revenue Share by Application 2015-2020

Figure Middle East & Africa Market Sales Revenue Share by Application in 2020

4.6.2 Middle East & Africa Price by Application

## **5 REGIONAL TRADE**

5.1 Export

Table Regional Export 2015-2020 (Million USD)

5.2 Import

Table Regional Import 2015-2020 (Million USD)

## **6 KEY MANUFACTURERS**

6.1 Omron

6.1.1 Company Information

6.1.2 Products Overview

6.1.3 Business Data ( Sales Revenue, Cost and Margin)

Table Sales Revenue, Cost and Margin of Omron

6.2 TE Connectivity (Company Information, Products Overview & Business Data)

6.3 Panasonic (Company Information, Products Overview & Business Data)

- 6.4 Fujitsu (Company Information, Products Overview & Business Data)
- 6.5 NEC (Company Information, Products Overview & Business Data)
- 6.6 Teledyne (Company Information, Products Overview & Business Data)
- 6.7 ABB (Company Information, Products Overview & Business Data)
- 6.8 Schneider Electric (Company Information, Products Overview & Business Data)
- 6.9 Eaton (Company Information, Products Overview & Business Data)
- 6.10 Honeywell (Company Information, Products Overview & Business Data)
- 6.11 Fuji Electric (Company Information, Products Overview & Business Data)
- 6.12 Sharp (Company Information, Products Overview & Business Data)
- 6.13 Rockwell Automation (Company Information, Products Overview & Business Data)
- 6.14 Finder (Company Information, Products Overview & Business Data)
- 6.15 HELLA (Company Information, Products Overview & Business Data)
- 6.16 Sprecher+Schuh (Company Information, Products Overview & Business Data)
- 6.17 Hongfa (Company Information, Products Overview & Business Data)
- 6.18 Song Chuan (Company Information, Products Overview & Business Data)
- 6.19 Sanyou (Company Information, Products Overview & Business Data)
- 6.20 Ningbo Forward (Company Information, Products Overview & Business Data)
- 6.21 CHINT Electrics (Company Information, Products Overview & Business Data)
- 6.22 Delixi (Company Information, Products Overview & Business Data)
- 6.23 Hu Gong (Company Information, Products Overview & Business Data)
- 6.24 Songle Relay (Company Information, Products Overview & Business Data)
- 6.25 Tianyi Electrical (Company Information, Products Overview & Business Data)
- 6.26 Qunli Electric (Company Information, Products Overview & Business Data)
- 6.27 Ningbo Huike (Company Information, Products Overview & Business Data)

## **7 INDUSTRY UPSTREAM**

### 7.1 Industry Chain

Figure Industry Chain Overview

### 7.2 Raw Materials

Figure Relay SWOT List

## **8 MARKET ENVIRONMENT**

### 8.1 SWOT

### 8.2 Porter's Five Forces

Figure Relay Porter's Five Forces

### 8.3 Coronavirus Impact on the Industry

#### 8.3.1 Impact of Covid-19 on Production

8.3.2 Impact of Covid-19 on Demand

8.3.3 Impact of Covid-19 on Purchase & Use

8.3.4 Impact of Covid-19 on Price

8.3.5 Impact of Covid-19 on Others

## **9 CONCLUSION**

## List Of Tables

### LIST OF TABLES

Table Global Market Sales Revenue by Company 2015-2020  
Table Global Market Sales Revenue Share by Company 2015-2020  
Table Asia-Pacific Market Sales Revenue by Company 2015-2020  
Table Asia-Pacific Market Sales Revenue Share by Company 2015-2020  
Table North America Market Sales Revenue by Company 2015-2020  
Table North America Market Sales Revenue Share by Company 2015-2020  
Table Europe Market Sales Revenue by Company 2015-2020  
Table Europe Market Sales Revenue Share by Company 2015-2020  
Table South America Market Sales Revenue by Company 2015-2020  
Table South America Market Sales Revenue Share by Company 2015-2020  
Table Middle East & Africa Market Sales Revenue by Company 2015-2020  
Table Middle East & Africa Market Sales Revenue Share by Company 2015-2020  
Table Global Market Sales Revenue by Type 2015-2020  
Table Global Market Sales Revenue Share by Type 2015-2020  
Table Asia-Pacific Market Sales Revenue by Type 2015-2020  
Table Asia-Pacific Market Sales Revenue Share by Type 2015-2020  
Table North America Market Sales Revenue by Type 2015-2020  
Table North America Market Sales Revenue Share by Type 2015-2020  
Table Europe Market Sales Revenue by Type 2015-2020  
Table Europe Market Sales Revenue Share by Type 2015-2020  
Table South America Market Sales Revenue by Type 2015-2020  
Table South America Market Sales Revenue Share by Type 2015-2020  
Table Middle East & Africa Market Sales Revenue by Type 2015-2020  
Table Middle East & Africa Market Sales Revenue Share by Type 2015-2020  
Table Global Market Sales Revenue by Application 2015-2020  
Table Global Market Sales Revenue Share by Application 2015-2020  
Table Asia-Pacific Market Sales Revenue by Application 2015-2020  
Table Asia-Pacific Market Sales Revenue Share by Application 2015-2020  
Table North America Market Sales Revenue by Application 2015-2020  
Table North America Market Sales Revenue Share by Application 2015-2020  
Table Europe Market Sales Revenue by Application 2015-2020  
Table Europe Market Sales Revenue Share by Application 2015-2020  
Table South America Market Sales Revenue by Application 2015-2020  
Table South America Market Sales Revenue Share by Application 2015-2020  
Table Middle East & Africa Market Sales Revenue by Application 2015-2020

Table Middle East & Africa Market Sales Revenue Share by Application 2015-2020

Table Regional Export 2015-2020 (Million USD)

Table Regional Import 2015-2020 (Million USD)

Table Sales Revenue, Cost and Margin of Omron

## List Of Figures

### LIST OF FIGURES

- Figure Latching relay Market Size and CAGR 2015-2020 (Million USD)
- Figure Latching relay Market Forecast and CAGR 2020-2025 (Million USD)
- Figure Solid state relay Market Size and CAGR 2015-2020 (Million USD)
- Figure Solid state relay Market Forecast and CAGR 2020-2025 (Million USD)
- Figure Automotive relay Market Size and CAGR 2015-2020 (Million USD)
- Figure Automotive relay Market Forecast and CAGR 2020-2025 (Million USD)
- Figure Overload protection relay Market Size and CAGR 2015-2020 (Million USD)
- Figure Overload protection relay Market Forecast and CAGR 2020-2025 (Million USD)
- Figure Electromechanical relay Market Size and CAGR 2015-2020 (Million USD)
- Figure Electromechanical relay Market Forecast and CAGR 2020-2025 (Million USD)
- Figure Others Market Size and CAGR 2015-2020 (Million USD)
- Figure Others Market Forecast and CAGR 2020-2025 (Million USD)
- Figure Automotive Market Size and CAGR 2015-2020 (Million USD)
- Figure Automotive Market Forecast and CAGR 2020-2025 (Million USD)
- Figure Industrial Market Size and CAGR 2015-2020 (Million USD)
- Figure Industrial Market Forecast and CAGR 2020-2025 (Million USD)
- Figure Communications Market Size and CAGR 2015-2020 (Million USD)
- Figure Communications Market Forecast and CAGR 2020-2025 (Million USD)
- Figure Household Appliance Market Size and CAGR 2015-2020 (Million USD)
- Figure Household Appliance Market Forecast and CAGR 2020-2025 (Million USD)
- Figure Others Market Size and CAGR 2015-2020 (Million USD)
- Figure Others Market Forecast and CAGR 2020-2025 (Million USD)
- Figure Global Relay Market Size and CAGR 2015-2020 (Million USD)
- Figure Global Relay Market Forecast and CAGR 2020-2025 (Million USD)
- Figure Asia-Pacific Relay Market Size and CAGR 2015-2020 (Million USD)
- Figure Asia-Pacific Relay Market Forecast and CAGR 2020-2025 (Million USD)
- Figure North America Relay Market Size and CAGR 2015-2020 (Million USD)
- Figure North America Relay Market Forecast and CAGR 2020-2025 (Million USD)
- Figure Europe Relay Market Size and CAGR 2015-2020 (Million USD)
- Figure Europe Relay Market Forecast and CAGR 2020-2025 (Million USD)
- Figure South America Relay Market Size and CAGR 2015-2020 (Million USD)
- Figure South America Relay Market Forecast and CAGR 2020-2025 (Million USD)
- Figure Middle East & Africa Relay Market Size and CAGR 2015-2020 (Million USD)
- Figure Middle East & Africa Relay Market Forecast and CAGR 2020-2025 (Million USD)
- Figure Global Market Sales Revenue Share by Company in 2020

Figure Asia-Pacific Market Sales Revenue Share by Company in 2020  
Figure North America Market Sales Revenue Share by Company in 2020  
Figure Europe Market Sales Revenue Share by Company in 2020  
Figure South America Market Sales Revenue Share by Company in 2020  
Figure Middle East & Africa Market Sales Revenue Share by Company in 2020  
Figure Global Market Sales Revenue Share by Type in 2020  
Figure Asia-Pacific Market Sales Revenue Share by Type in 2020  
Figure North America Market Sales Revenue Share by Type in 2020  
Figure Europe Market Sales Revenue Share by Type in 2020  
Figure South America Market Sales Revenue Share by Type in 2020  
Figure Middle East & Africa Market Sales Revenue Share by Type in 2020  
Figure Global Market Sales Revenue Share by Application in 2020  
Figure Asia-Pacific Market Sales Revenue Share by Application in 2020  
Figure North America Market Sales Revenue Share by Application in 2020  
Figure Europe Market Sales Revenue Share by Application in 2020  
Figure South America Market Sales Revenue Share by Application in 2020  
Figure Middle East & Africa Market Sales Revenue Share by Application in 2020  
Figure Industry Chain Overview  
Figure Relay SWOT List  
Figure Relay Porter's Five Forces



## I would like to order

Product name: Global Relay Market Research Report 2020 (Covid-19 Version)

Product link: <https://marketpublishers.com/r/G51BF5E20378EN.html>

Price: US\$ 3,500.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G51BF5E20378EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970