

# LV Switchgear Report - 2020

*Part of the Discrete, Process, and Capital  
Equipment Service Area Package*

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## A new report analyzing this dynamic market from a regional and product perspective.

Following requests from several manufacturers we have taken the decision to produce an update to our 2019 LV Switchgear reports. For this years edition, we have consolidated the four breakers reports into one report. In addition to the previous study which only covered the traditional products for this market, we developed insights on complementary products including AFDDs and solid state breakers.

### Highlights

- The coronavirus pandemic and its impact on the LV switchgear market, industries such as automotive and oil and gas will face the biggest threats to production.
- **Worldwide overview:** The Construction market and renewables energy are seen as the industry drivers for the future growth of LV switchgear.
- **Americas:** Faster growth on the residential market as legislation requires expanded used of AFCIs and GFCIs.
- **EMEA:** Companies including Scheneider Electric, ABB, Siemens and Hager continue to be dominant players as brand reputation stills carries importance.
- **APAC:** The growth segment as a result of rising living standards and infrastructure development. Chint and Delixi winning market share in China.
- **What is next?** Solid-state circuit breakers in Electric Vehicles and Renewabes
- **Marketshare:** by product and by region.

# Report Coverage

| KEY ISSUES ADDRESSED   | COVERAGE  | APPLICABLE TO  |  |   |
|--|---|--|--|---|
| <ul style="list-style-type: none"> <li>• What impact is Covid 19 having on the LV Switchgear market?</li> <li>• Which industries are likely to see the best growth through 2023?</li> <li>• What new product innovations are being introduced into the market?</li> <li>• Which manufacturers are taking the lead in solid state technology</li> <li>• What's happening in adjacent markets such as AFDDs and SPDs</li> <li>• Which countries are suffering the impacts of Covid 19 the most.</li> <li>• Which manufacturers have gained/lost market share at a regional level?</li> </ul> | <p><b>Frequency, Time Period</b></p> <ul style="list-style-type: none"> <li>• 2018-2023</li> </ul> <p><b>Measures</b></p> <ul style="list-style-type: none"> <li>• MCBs</li> <li>• RCDs</li> <li>• MCCBs</li> <li>• ACBs</li> </ul> <p><b>Market Shares</b></p> <ul style="list-style-type: none"> <li>• World</li> <li>• EMEA</li> <li>• Americas</li> <li>• APAC</li> <li>• By product</li> </ul> <p><b>By Sales Channel</b></p> <ul style="list-style-type: none"> <li>• Direct to OEM or to End User</li> <li>• Direct to Panel builders</li> <li>• Direct to System Integrator / EPS</li> <li>• Via Distributor</li> </ul> | <p><b>By Product Type</b><br/><b>By nominal current range (for ACB &amp; MCCB)</b></p> <ul style="list-style-type: none"> <li>• 0 -63 A</li> <li>• &gt; 63 –160 A</li> <li>• &gt;160 –250 A</li> <li>• &gt;250 –400 A</li> <li>• &gt;400 –630 A</li> <li>• &gt;630 –1000 A</li> <li>• &gt;1000 –1600 A</li> <li>• &gt;1600 –2500 A</li> <li>• &gt;2500 –4000 A</li> <li>• &gt;4000 –6300 A</li> </ul> <p><b>By nominal current range (MCB)</b></p> <ul style="list-style-type: none"> <li>• &lt; 50 kA</li> <li>• 50 –125 kA</li> <li>• 0 –25 kA</li> <li>• 25 –65 kA</li> <li>• 65 –100 kA</li> <li>• Greater than 100 kA</li> </ul> <p><b>By RCD Type</b></p> <ul style="list-style-type: none"> <li>• RCCB</li> <li>• RCBO</li> <li>• GF Protectors / Relays</li> <li>• GFCI</li> </ul> | <p><b>By Application</b></p> <ul style="list-style-type: none"> <li>• Distribution</li> <li>• Power generation – conventional</li> <li>• Power generation – renewable</li> <li>• Machine building (machinery)</li> <li>• Residential infrastructure</li> <li>• Non-residential infrastructure</li> <li>• Automotive</li> <li>• Chemical</li> <li>• Minerals (mining and cement)</li> <li>• Oil &amp; Gas</li> <li>• Other industrial buildings</li> <li>• Data centers</li> <li>• Transportation infrastructure</li> <li>• Other infrastructure</li> </ul> | <ul style="list-style-type: none"> <li>• ABB</li> <li>• Amber</li> <li>• Atom Power</li> <li>• Blixt</li> <li>• Chint</li> <li>• Changshu</li> <li>• Dehn</li> <li>• Delixi</li> <li>• Eaton</li> <li>• Hager</li> <li>• Hyundai</li> <li>• Legrand</li> <li>• LSIS</li> <li>• Mersen</li> <li>• Mitsubishi</li> <li>• Nader</li> <li>• Phoenix Contact</li> <li>• Rockwell Automation</li> <li>• Terasaki</li> <li>• UL</li> </ul> |

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\*The majority of Omdia technology research products and solutions were acquired by Informa in August 2019 and are now part of Omdia.

# Worldwide Coverage

| EMEA                     | AMERICAS              | ASIA PACIFIC         |
|--------------------------|-----------------------|----------------------|
| Africa                   | Brazil                | China                |
| Austria & Switzerland    | Canada                | India                |
| Benelux                  | Colombia              | Japan                |
| France                   | Mexico                | Oceania              |
| Germany                  | United States         | South Korea          |
| Italy                    | Rest of Latin America | Taiwan               |
| Turkey                   |                       | Rest of Asia Pacific |
| UK & Ireland             |                       |                      |
| Middle East              |                       |                      |
| Central & Eastern Europe |                       |                      |
| Nordic Countries         |                       |                      |
| Russian Fed. & CIS       |                       |                      |
| Poland                   |                       |                      |
| Spain & Portugal         |                       |                      |

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