

WHO WE ARE

For over 40 years, Defond has specialized in switch and sensor components and solutions and is a leading global supplier of OEM electro-mechanical, electro-magnetic, and electronic control components, modules, and assemblies. Defond provides engineering expertise in product development and advanced manufacturing in various markets such as home appliances, power tools, automotive, and industrial automation. Headquartered in Hong Kong, Defond has manufacturing facilities in China and Romania.

Certifications include: IP6X, UL, VDE, NMEA 2000, FDA registered, ISO/TS 16949, ISO 9001, ISO 14001, ISO 13485

WHAT WE HAVE

CAPABILITIES

- Pushbutton, key, rocker, rotary, slide, snap action, trigger, and toggle switches
- Power and signal switch designs
- Integrated modules (switch + electronics)
- Switches with integrated Li-On battery control
- Custom switches designed to OEM specifications

SERVICES

- R&D services
- Robust design practices (appliance, automotive, power tool, industrial)
- Human factors engineering (ergonomic, audio, visual, and haptics)
- Precision electro-mechanical design
- Analog & digital electronics design
- EMC pre-compliance
- Design for global approval agency compliance

MARKETS SERVED

- Automotive
- Consumer Electronics
- Home Automation
- Household Appliances
- HVAC
- Industrial
- IoT
- Lawn and Garden
- Power Tools
- Specialty Vehicles

WHAT WE CAN DO



Home Appliances



Power Tools



Automotive



Industrial Automation