



INTELLIGENT ELECTRICAL **CONTROL PANEL**



Looking ahead,
going beyond expectations

Ahead  *Beyond*

Ebara Densan (Qingdao) Technology Co., Ltd.

Manufacturing Capability

Ebara Densan (Qingdao) Technology Co., Ltd. operates a professional, high-quality enclosure manufacturing facility for electrical control panels. The company offers Original Equipment Manufacturer (OEM) and Original Design Manufacturer (ODM) services for a diverse clientele spanning domestic and international markets. Its production capabilities encompass large-scale manufacturing of a broad spectrum of electrical panels and enclosures, along with the capacity to craft custom units in small quantities tailored to the specific requirements of individual customers.



Vision

Become the representative of the highest level in automatic control equipment and system integration

"Using advanced electrical technology and processes, Ebara effectively integrates and manages the supply chain, emphasizing strict adherence to the requirements of the ISO9001 quality management system. This ensures consistent meeting of customer needs in terms of quality, delivery time, cost, and service."



Product Application



"Our electrical control panels have earned customers' trust domestically and internationally due to their quality and reliability. Many of our products are exported in large quantities to the United States, the European Union, Australia, Japan, the Middle-East, and Southeast Asia.

Our business extends to various industries, including factory power distribution, environmental protection, seawater desalination, equipment manufacturing, intelligent transportation, and mining ports."



We contribute to society through **high-quality technologies and services related to water, air, and the environment.**

PRODUCT LIST / Switchgear

Medium Voltage Switchgear	
Product Standard	GB/T3906
Rated Voltage	12kV
Rated Frequency	50 (60) Hz
Rated Current	1250A
Rated Short Time Withstand Current	Max 50kA
Low Voltage Components Brands	Siemens, ABB, Schneider, etc
Protection Level	IP4X



MNS Switchgear	
Product Standard	GB/T7251.2 IEC61439-1
Rated Voltage	400V
Rated Insulation Voltage	660V
Rated Frequency	50 (60) Hz
Rated Current	400-4000A
Rated Short Time Withstand Current	Max 100kA
Low Voltage Components Brands	Siemens, ABB, Schneider, etc
Protection Level	IP4X



GGD Type Switchgear	
Product Standard	GB/T7251.2 IEC61439-1
Rated Voltage	400V
Rated Insulation Voltage	660V
Rated Frequency	50 (60) Hz
Rated Current	400-1600A
Rated Short Time Withstand Current	Max 80kA
Low Voltage Components Brands	Siemens, ABB, Schneider, etc
Protection Level	IP3X



Power Distribution Cabinet	
Product Standard	GB/T7251.2 IEC61439-1
Rated Voltage	400V
Rated Insulation Voltage	660V
Rated Frequency	50 (60) Hz
Rated Current	10-400A
Rated Short Time Withstand Current	Max 50kA
Low Voltage Components Brands	Siemens, ABB, Schneider, etc
Protection Level	Up to IP65



*1: "Alternatively, different LV brand components can be specified."
 *2: Enclosures of various sizes can be customized based on needs.

PRODUCT LIST / Control Cabinet

PLC Control Cabinet

Product standard	GB7251.2 / IEC61439-1 / UL508A
Rated voltage	110/220/400/460V
Rated frequency	50 (60) Hz
PLC and other low voltage components brands	Siemens, Mitsubishi, AB, Schneider, Omron, etc.
Rated short time withstand current	Max IP65



Inverter Cabinet

Product standard	GB7251.2 / IEC61439-1 / UL508A
Rated voltage	110/220/400/460V
Rated frequency	50 (60) Hz
Frequency converters and other Low voltage components brands	ABB, Siemens, Schneider, Mitsubishi, Yaskawa, etc.
Rated short time withstand current	Max IP65



Local Control Cabinet

Product standard	GB7251.2 / IEC61439-1 / UL508A
Rated voltage	380V
Maximum voltage	660V
Rated frequency	50 (60) Hz
Low voltage components brands	Siemens, Mitsubishi, AB, Schneider, Omron, etc.
Protection level	Max IP65



Solenoid Valve Box

Product standard	GB7251.2 / IEC61439-1 / UL508A
Rated voltage	24/110/220V
Rated frequency	50 (60) Hz
Electromagnetic valve brands	SMC, AirTAC, ASCO, etc.
Protection level	Max IP65



Operational Panel

Product standard	GB7251.2 / IEC61439-1 / UL508A
Rated voltage	24/110/220V
Rated frequency	50 (60) Hz
Low voltage components brands	Siemens, Mitsubishi, AB, Schneider, Omron, etc.
Protection level	Max IP65



- *1: "Alternatively, different PLC & LV brand components can be specified."
- *2: Enclosures of various sizes can be customized based on needs.

Typical Project Cases

01 Petrobras Silo Discharge Control System

(Brazil Oil Silo Unloading Control System)

Customer: ALSTOM (France)

Products: Local Operation Cabinet, Solenoid Valve Box

Introduction: Control the opening and closing of various solenoid valves in the silo to manage the feeding and unloading process.



02 MICROVAST, INC. Automatic Binding Machine Control System

Customer: SIGNODE (USA)

Products: PLC Cabinet, Inverter Cabinet, Solenoid Valve Box

Introduction: Control the electrical equipment of the automatic binding machine to ensure the proper functioning of the binding process, thereby enhancing packaging efficiency.



03 The Chilaza coal-fired power plant in Indonesia

Electrolysis of seawater to produce sodium hypochlorite

Customer: Qingdao SunRui Marine Environment Engineering Company Ltd

Products: Medium Voltage Switchgear, MNS Switchgear, Local Control Cabinet

Introduction: Provide power distribution for the sodium hypochlorite production workshop in power plants, and control the start and stop of each equipment motor.



Typical Project Cases

04

Yangjiang Nuclear Power Station

Conventional island water feed pump control system

Customer: China General Nuclear Power Group (CGN)

Products: PLC Cabinet, Local Control Cabinet

Introduction: Monitor the bearing vibration, displacement, and temperature during the power plant water feed pump motor operation and provide relevant running data for the DCS control system of power plants.



05

JinMaiLang Instant Noodle Production Line

Customer: Qingdao Shikuan Electric

Products: PLC Control Cabinet, Inverter Cabinet

Introduction: Provide variable frequency drives (VFD) for belt motors on instant noodle production lines to control the linkage of various belts and ensure continuous operation of the production line.



06

Formosa Plastics Vietnam Steel Plant

Blast Furnace Bottom Ash Transportation Project

Customer: Qingdao Daneng Environmental Protection Equipment Co., Ltd.

Products: PLC Cabinet, Local Control Cabinet

Introduction: Control the start and stop of equipment such as oil pumps and slag crushers on the bottom ash conveying line and provide relevant running data for the DCS control system of the steel plant.



CORE VALUES

Customer Oriented, Respect People & Devoted to Work,
Development in Harmony, Exploration & Innovation



CONTACT US

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