



arm@sindo

Partnering in Electrical Parts & Solution

TO ESCALATE THE EXPECTATIONS

PRODUCTS & SYSTEM
SOLUTIONS

LV & MV PANEL
FABRICATION

CONTRACTING &
MAINTENANCE SERVICE



OUR VALUES

VISION :

To be the most energetic company on supplying electrical solutions and services in the national market

MISSION :

- To cultivate the professional values and culture into all aspects of management and services.
- To be more reliable on delivering satisfaction to the customer & stakeholders expectations.

CORPORATE OVERVIEW

ABOUT US

Established in 2017, ARMASINDO were declared as a partner on comprehensive electrical solution. Formerly, We are fostered as stockist of electrical parts and system solution. Now, we enhance our core with panel fabrication and ME contracting & maintenace for industrial and commercial-residence requirements.

Since 2018, ARMASINDO is certified business partner on System Power Solution by Hyundai Electric & Energy Systems Co., Ltd., Korea. Also, we are sole distributor for many world-class brand; Frako, Finder, Gewiss, and others. We are fully supported to provide the highest quality products, solutions, and services to increase our customers' productivity and efficiency.

Through our visionary and dedicated resources, we devirsify our core. To exceed the optimum solution, we perform customized panel fabrication. Our service delivers qualified and competitive focused-service. Furthermore, we provide total package service. We perform our range of service as ME contracting & maintenace service. Our total package service enables customers to optimizing the product & system knowledge and put efficient and effective solution in any requirements.

ARMASINDO engages with the customer concern on growing their business. We are collaborator to escalate the best solution requirement to enhance the customers' expectation solution for the optimum satisfaction.



OUR CORES

PRODUCTS & SYSTEM SOLUTIONS

LV & MV PANEL FABRICATION

CONTRACTING & MAINTENANCE SERVICE

PRODUCTS SOLUTION



PT Armasindo Global Sinergi is certified business partner by Hyundai Electric & Energy Systems Co. Ltd., Korea.



HG-SERIES

• LV & MV CIRCUIT BREAKER

Hyundai Electric has a diverse product family of Low & Medium Voltage circuit breakers, from MCCBs for use in residence to ACBs and VCBs for industrial plants. Hyundai's high-quality products safely protect your electrical equipment. The new HG Series has compact and sophisticated designs.

1. HGM/HGP Type • Molded Case Circuit Breaker

- **Features:**
 - Maximized selectivity with a wide product range
 - Enhanced safety with higher breaking capacity
 - Adjustable ratings applicable for all AFs
- **Specification:**
 - 15A ~ 1600A, 5kA ~ 150kA
 - $U_i = 1000V$, $I_{cs} = 100\%I_{cu}$
 - Adjustable ratings applicable for all AFs

2. HGE Type • Earth-leakage Circuit Breaker

- **Features:**
 - Maximized selectivity with a wide product range
 - Enhanced safety with higher breaking capacity
 - Compatible size and internal parts with MCCB
- **Specification:**
 - 15A ~ 800A, 2.5kA ~ 85kA
 - $I_{cs} = 100\%I_{cu}$
 - Adjustable rated residual operating current : 100 - 300 - 500 - 1000 (mA)
 - Time-delay type Limiting non-actuating time : 0 - 0.2s - 0.5s - 1s

3. HGC/HGT Type • Magnetic Switch

- **Features:**
 - Motor protection solution applicable for various industrial systems with enhanced durability & insulation performance
 - Decreased installing space by upper arrayed structure of Auxiliary Contacts
 - Auxiliary Relay with reduced power consumption type
 - Direct mounting structure for Thermal Overload Relay
- **Specification:**
 - Various product ranges : 9 ~ 800A (8 frames)
 - Rated Insulation voltage : 1000V (50A ~)
 - AC/DC free voltage (115A ~)

4. HGS/HGN Type • Air Circuit Breaker

- **Features :**
 - High breaking capacity, advanced protection trip relay (OCR) and various accessories
 - Multiple terminal busbar connections
 - 100% conventional thermal current of N phase
- **Specification :**
 - HGS 1600/3200 2 types AF
 - HGN 2000/4000/5000/6300 4 types AF

5. HGV Type • Vacuum Circuit Breaker

- **Features :**
 - Wide product range and improved user convenience
 - Various control voltage and mounting type
 - Certified reliability and stability by international standard IEC 62271-100
 - Simple structure and convenient maintenance : VI condition can be easily checked from outside of the pole part
- **Specification :**
 - 7.2/12/17.5 kV, up to 50 kA, up to 4000 A
 - 24 kV, up to 40 kA, up to 3150 A
 - 36 kV, up to 40 kA, up to 3150 A

6. HGD/HRC Type • Miniature Circuit Breaker

- **Features:**
 - Maximized selectivity with a wide product range
 - Current limiting structure
 - Various accessories (AUX, ALT, SHT, UVT, Handle lock)
 - Double terminal connection by cable or bus bar
 - Clear ON/OFF indicator
- **Specification :**
 - Up to 10kA at AC 240/415V
 - B, C, D curve
 - Rated current : up to 125A
 - Rated residual current : 10, 30, 100, 300, 500 mA



• MOTOR & GENERATOR

Continuous design evolutions for electric motor & generator developed through years of experience, innovation and reliability in building top quality. The state-of-the-art manufacturing facilities guarantee that all products meet customers' requirements with regard to cost, delivery and quality.

1. Medium & High Voltage Induction Motors

- Totally Enclosed Fan Cooled
- Totally Enclosed Air to Air Cooled
- Totally Enclosed Air to Air Cooled (Vertical)
- Totally Enclosed Air to Air Cooled - Wound Rotor
- Totally Enclosed Water to Air Cooled
- Weather Protected I / II
- Weather Protected I/ II (Vertical)
- Open Drip Proof
- Open Drip Proof - Wound Rotor

2. Low Voltage Induction Motors

- TEFC Cast Iron Frame Motor
- TEFC Aluminum Frame Motor
- TEFC Premium Efficiency Motor
- Drip-proof Motor
- Marine Motor
- Inverter Shield Motor
- IEEE841 Motor

3. High Voltage Synchronous Motors

- High Speed
- Medium/Low Speed
- Medium/Low Speed (Vertical)

4. Synchronous Generators

- High Speed (HV/MV)
- Medium Speed (HV/MV)
- Medium Speed (LV)

5. Smart Motors



• LV & MV SWITCHGEAR

Hyundai Electric manufactures high-performance, high-reliability based on IEC and ANSI certified switchgear and has various types of buildings to plants, including nuclear power plants. The key features consist of customizable designs, long lifetime, and minimal maintenance requirements.

1. HIMCC • Low Voltage Switchgear System

• LV Motor Control Center

- Main busbar : Up to 6300A, 100kA/1sec, 220kA peak
- Distribution busbar feeder circuit : Up to 1200A, 85kA/1sec, 176kA peak
- Application : Outgoing feeder

• LV Switchgear

- Current ratings : Up to 6300A, 100 kA/1sec, 220kA peak
- Application : Incoming feeder, Outgoing feeder, & Bus coupler



2. HMS • Medium Voltage Switchgear

HMS series provides various benefits with its safe, reliable features, and compact design.

- MV air-insulated metal-enclosed switchgear
- MV distribution system up to 36 kV
- Internal arc proof



• DISTRIBUTION TRANSFORMER • Cast Resin

• Features :

- Low-loss, low-noise, compact and lightweight
- Fire resistant and excellent insulation
- Easy maintenance and inspection
- High short time overload

• Specification :

- Rated power : 100 ~ 20,000kVA
- Rated voltage : 220V ~ 36,000V
- Production : 7,000MVA



* For detailed specifications and more information, please refer to product catalog.



– Leading-edge technology for safe and reliable network solutions

Poor power quality in the supply network can result in upsets or even failure in technical equipment & installations. FRAKO power quality products offer the right solution to maintain the quality of the power supply at a high level. FRAKO's power factor correction & filter systems are individually designed for the user, as are our active harmonic filters. They are installed at those locations where electrical energy is to be saved, voltage fluctuations avoided & harmonics eliminated, or simply where reactive power must be compensated.



1. LKT Type • Power Capacitors

FRAKO Power Capacitors are installed in power factor correction systems and in passive filters.

- With UL/CSA certification
- Available as 1 & 3-phase versions.
- Voltage ranges : 240–800 V, 50/60 Hz
- Power ranges : 1.0–40.0 kvar
- Product Range :
 - Basic Capacitors (LKT ...-DB Type)
 - Standard Capacitors (LKT ...-DP Type)
 - Premium Capacitors (LKT ...-DL Type)
 - Heavy Duty Capacitors (LKT ...-HD Type)



4. PQC Type • Power Quality Controller

The reactive power control relay for maximum operational reliability with power quality monitoring

The PQC is characterized by user-friendly features such as simple installation, intuitive operation and the automatic start-up already known from FRAKO Reactive Power Control Relays. Its integrated self-monitoring function improves long-term operational reliability, thus helping to reduce costs and minimize the risk of network disruptions.

Key features

- 1- or 3-phase measurement
- 4-quadrant control
- 6 or 12 switching outputs + 1 alarm contact
- 5 parameterizable control curves
- Graphical user interface with plain text menu in choice of languages
- Integrated monitoring of system parameters with alarm management function



2. FDKT Type • Basic Harmonic Filter Reactors

Avoiding resonances – low-loss Harmonic Filter Reactors for your power factor correction – designed for operation with FRAKO Power Capacitors.

- Power Range: 6.25 to 200 kvar
- Voltage range: 400 to 525 V, 50 Hz
- Detuning factor $p = 7\% - 14\%$
- Low-loss design



3. RM Type • Power Factor Control Relays - Component

The reactive power control relay for maximum operational reliability. Simple to install, easy to operate & automatic 'plug and play' start-up.

- Product Range :
- Basic Type
 - Dynamic Type



5. K3- ... K Type • Capacitor Switching Contactors for Power Factor Correction Systems with reactors

Switching Power Capacitors safely – Capacitor Switching Contactors for any application.

- Safe switching of capacitor stages with or without reactors.
- Bounce-free switching contacts.
- Wear-free contact material.
- Long service life and a high number of switching operations.



Controlled System Solution



• RELAY & TIMER

- Industrial and PCB relays
- Relay interface modules (EMR/SSR), interface modules
- Relays with forcibly guided contacts
- Power solid state relays (SSR)
- Monitoring relays, energy meters, Surge Protection Device (SPD)
- Modular and plug-in timers
- Light dependent relays, time switches, electronic staircase timers, dimmers, LED emergency light
- Movement detectors
- Electronic step relays, mechanical step relays
- Modular monostable relays, modular contactors



• THERMOSTAT & HEATER

- Panel Thermo-hygrostat & thermostats, filter fans, panel heaters & LED light
- Chronothermostat & thermostat - for recessed box & surface mounting

• POWER SUPPLY

- Switch mode power supplies



Connection System Solution

• THE IEC 309 HP - PLUGS



• Straight
IP44 / IP54



• Straight
IP66 / IP67 / IP68 / IP69



• Straight
IP44 / IP54



• Straight
IP66 / IP67 / IP68 / IP69

• THE IEC 309 HP - SOCKET OUTLETS



• Straight
IP44 / IP54



• Straight
IP66 / IP67 / IP68 / IP69



• Straight
IP44 / IP54



• Straight
IP66 / IP67 / IP68 / IP69



• 10° flush-mounting
IP44 / IP54



• 10° flush-mounting
IP66 / IP67



• 10° flush-mounting
IP44 / IP54



• 10° flush-mounting
IP66 / IP67

* For detailed specifications and more information, please refer to product catalog.

LV & MV PANEL FABRICATION SERVICE

The special needs insists special solution. To exceed the optimum solution, we perform customized panel fabrication. Our service delivers qualified and competitive focused-service that conduct the following range:

- Power Distribution Panel
- Power Factor Compensation Panel
- Power Synchronizer Panel
- Generator Control Panel
- Intelligent Motor Control Center Panel
- Variable Speed Drive (VSD) Panel
- Local Control Station Panel
- Lighting Panel
- Etc.





CONTRACTING & MAINTENANCE SERVICE

Also, we provide total package service. We perform our range of work as ME contracting & maintenance service. Our service conducts the following scope :

- **Mechanical & Electrical Constructing :**
 - MV & LV switchgear
 - Power distribution & field panel
 - Transformer & generator set
 - Lightning & grounding system
 - Lighting & receptable system
 - Cabling & cable support system
 - Public address & communication system
 - CCTV & security system
 - Fire extinguisher system
 - HVAC Solution
- **HVAC & Climate Control:**
 - Air conditioner
 - Chiller & freezer
 - Heater & air circulation
- **Electrical Power Maintenance :**
 - MV & LV switchgear retrofit
 - Generator set repairing
 - Power factor monitoring
 - Electrical troubleshooting
 - Etc.



SUCCESSFUL REFERENCES



ARMASINDO has excellent list for satisfaction references. Our list consists of the following areas :

- Power Plant
- Petrochemical
- Oil & Gas
- Mineral Mining
- Industrial Plant
- Military Facility
- Healthcare facility
- Infrastructure Facility
- Commercial & Residential

References List



PT Hyundai Motor
Manufacturing Indonesia



PT Pertamina
(Persero)



PT PLN
(Persero)



PT Petrokimia Gresik
(Persero)



PT Indocement
Tunggal Prakarsa



TNI AD
(MABES AD - PUSDITZI)



RSPAD
Gatot Subroto



CSTS Joint Operation
(Tangguh LNG)



PT Indorama Ventures
Indonesia



PT Polyplex Films
Indonesia



Australian Independent
School Indonesia



PT Pilar Garba Inti



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PT Armasindo Global Sinergi

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CORPORATE LEGAL DATA

The list of our legal data :

- Nomor Induk Berusaha (NIB)
NIB : 912 020 815 2483
- Izin Lokasi
NIB : 912 020 815 2483
Koordinat : -6,289185; 106,953288
- Surat Izin Usaha / SIUP Menengah
510 / 00976 / PM / DPMPTSP . PPU / OL
- Tanda Daftar Perusahaan Perseroan Terbatas (TDP - PT)
102 614 600 524 / OL
- NPWP
82 . 908 . 611 . 5-447 . 000
KPP Pratama Pondok Gede
- Surat Pengukuhan - PKP/Pengusaha Kena Pajak
S - 568PKP/WPJ.33/KP.0103/2017
- Surat Keterangan Terdaftar
A - 13948KT / WPJ.33 / KP.0103 / 2017
- Akta Pendirian PT - Perubahan
Akta Tgl : 14 Desember 2018; No : 7
- Angka Pengenal Importir - Umum (API-U)
API-U No. : 102 204 976 - P
- Sertifikasi Badan Usaha Jasa Pelaksana Konstruksi
No. Reg. : 0 - 3275 -09 - 153 - 1 - 10 - 991491

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