COMPANY PROFILE

MONTRELEC
INCORPORATED

"Quality Products do not come only from World Renowned Companies"

www.montrelec.com.ph www.facebook.com/MontrelecInc www.youtube.com/user/UtubeMontrelec

MONTRELEC PRODUCT LINES

ASSEMBLED TYPE-TESTED PRODUCTS



GAS INSULATED TYPE TESTED SWITCHGEAR

A totally sealed, gas-insulated (SF6 filled) is a compact switchgear unit and type-tested.
Available in compact and modular type. Voltage ratings: up to 36kV. With current up to 630A.
For limited space of electrical room.
Brand: **EKOSINIRJI, TURKEY; SAREL, ITALY**



MANUAL / AUTOMATIC TRANSFER SWITCH (Low & Medium Voltage)

Change-Over type or Breaker Type
Voltage: 230V upto 15kV
Current: 230-400V: upto 6300A
1kV-15kV: upto 630A
Brand: **CONTACTPLASMA, ITALY**

EMERGENCY RESTORATION SYSTEM

Emergency Restoration System, or ERS, is an advanced and rapid deployment solution for restoring electrical power in the event of widespread outages caused by storms, natural disasters, or other emergencies. The ERS is designed to help utilities and power providers quickly and efficiently restore electricity to affected areas, minimizing downtime and inconvenience for customers. Brand: **LINDSEY, USA**



HYBRID VAR COMPENSATOR

(For power factor correction & harmonics filtering)

A Combination of Active Filters using a 3-level topology and Capacitor Banks, with detuned reactors controlled by a single HMI for a complete power quality solution.
The HVC can do the following:
- Load Balancing
- Reactive and Inductive Compensation
- Power Factor Correction up to unity

all in real time application.
- Harmonics Filtering

Brand: **ELCO, MALAYSIA**



OUTDOOR EQUIPMENTS

OVERHEAD/ UNDERGROUND DISTRIBUTION, METERING POLE, FIRST PRIVATE POLE



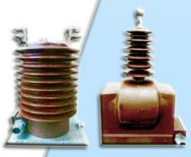
SF6 OUTDOOR LOAD BREAK SWITCH

Available in 24kV and 36kV. 60Hz Rated up to 630A. Easy Installation, SF6 Insulated, Spring Charge. Able to perform on-load breaking. Used in FIRST PRIVATE POLE.
Brand: **CONTACTPLASMA, ITALY**



MV FUSE DISCONNECT

Fuse ratings up to 36kV. 60Hz. Current Rated up to 200A. Type-Tested, 99.9% Silver Cut-out. Optical Features for outdoor installation. Brand:
Fuse Base – **ITALWEBER, ITALY**
Fuse – **INTERTEKNIK, TURKEY**



OUTDOOR CURRENT AND POTENTIAL TRANSFORMER

Available in 15kV – 36kV, with ERC Sticker and test report
Brand: **ESIT/ ALCE, TURKEY**



AUTOMATIC LINE SECTIONALIZER

Available in 15kV, 24kV and 36kV
Programmable from 5 to 230A.
60Hz Able to detect Temporary and Permanent Fault
Has anti-single phasing feature.
Brand: **INAEL, SPAIN**



SOLIDLY INSULATED VACUUM RECLOSER

Voltage rating: 27kV & 38kV
Frequency rating: 50/60Hz
Current rating: 630/800A
Compatible with controller or relays from other brands
Brand: **SOJO, BEIJING**



PAD MOUNTED SWITCHGEAR

Compact Type Tested Gas Insulated Switchgear for Outdoor
Rated Voltage: Upto 24kV
Rated Current: Upto 630A
Available in different configurations upto 1-4 IN/OUT Configurations
Brand: **SAREL, ITALY**

MV SWITCHGEAR COMPONENTS

MAJOR COMPONENTS AND ACCESSORIES



LOAD BREAK SWITCH

Available up to 36kV, 60Hz
Current Rated up to 630A.
Able to perform on-load breaking,
Has anti single phasing mechanism,
Brand: **DRIESCHER, GERMANY**



POWER FUSE

Fuse ratings up to 36kV. 60Hz Current Rated up to 200A. Type-Tested, 99.9% Silver Cut-out.With striker pin.
Brand: **ITALWEBER, ITALY**
INTERTEKNIK, TURKEY



INSTRUMENT TRANSFORMER CT / PT

For Potential Transformers ratings are available up to 36kV. For Current Transformers, Ratings are available up to 4000A. Available in Multi-Ratio and Dual Ratio for CTs. Available in Dual or Single Bushing for VTs OEM of SIEMENS.
Brand: **ALCE, TURKEY**



VACUUM CIRCUIT BREAKER

Available up to 24kV. 60Hz
Rated Current up to 2500A.
Compact Design, Have built-in Capacitance Divider and Space Heater.
Brand: **SAREL, ITALY**



PROTECTION RELAY

NA011 - For Overcurrent Protection.
NV10B - Over/Under Voltage Protection.
NA60 – For Overcurrent & Over/ Under Voltage Protection. NT10 - Differential relay HV-MV or MV-LV power transformers.
Brand: **THYTRONIC, ITALY**



ELNET POWER METER

0.2 Accuracy class with 1600 samples per cycle. Harmonics measurement up to 64th Harmonic. Colored display that can show wave form or bar graph of parameters measured. Available in Multi-Channel Model. Can be installed with a software for an AUTOMATIC METER READING function for Building Management System applications
Brand: **ELNET, ISRAEL**



DOUGHNUT TYPE CURRENT TRANSFORMER

Class: 0.5FS10,10VA
100/5 to 1200/5
Brand: **CURRENT ELECTRIC; ALCE, TURKEY**



DISTRIBUTION AND STATION TYPE SURGE ARRESTER

Available in Station or Distribution Type. For the Distribution Type ratings: up to 42kV. Rated voltage: 10kA, 60Hz. Station Type is up to 72kV, 10kA
Brand: **INAEL, SPAIN**



CYLINDRICAL / PRISMATIC TYPE CAPACITOR

Dry Type, Self-Healing, Plate is made of Zinc-Aluminum Alloy Encapsulated in Polyurethanic Resin. Rated Voltage: 440V, 525V. Rated Frequency: 50/60Hz
Cylindrical Type: up to 40kVAR.
Prismatic Type: up to 100kVAR.
Brand: **ELCO, MALAYSIA**



TERMINATING KIT (Heat / Cold Shrink)

Covers a wide range of cable sizes with a single product reliability for installation in Harsh Environments. No Expiry date
Up to 36kV & 240mm diameter.
Brand: **ETELEC, ITALY**

CIRCUIT BREAKERS



AIR CIRCUIT BREAKER

Fixed and drawable types.
Rating from 630 A to 4000 A
Short circuit breaking capacity up to 100kA. Wide range of accessories. Compactdimensions.
Complies with EN-60947-2
Brand: **SIGMA, TURKEY**



with ICC sticker 100A below

MOULDED CASE CIRCUIT BREAKER

Ratings from 20 A to 1600 A
Available in 2-3-4 poles. Short circuit breaking capacity up to 70kA Wide range of accessories
Complies with EN-60947-2
Brand: **SIGMA, TURKEY**



MINIATURE CIRCUIT BREAKER

3kA-4.5kA-6kA-10kA breaking capacity. From 1 A to 125 A 1-2-3-4 poles. 6kA types for DC applications.
Comply with EN-60898-1
Brand: **SIGMA, TURKEY**



ATS BREAKER TYPE

From 100 A to 800 A.
Automatic transfer from network to generator. Short circuit breaking capacity breaking up to 65kA.
Brand: **SIGMA, TURKEY**

AUTOMATIC TRANSFER SWITCHES



ATS CONTROLLER
Controller used for all types of switches used for ATS. Breakers, Solenoid, Contactor, and Change Over Switches.
Brand: **MONTRELEC & LOVATO**



MEDIUM VOLTAGE SWITCH DISCONNECTOR
Available 12KV up to 17.5KV Rating up to 630A with quick make and break operation
Brand: **CONTACTPLASMA, ITALY**



MANUAL AND MOTORIZED CHANGE OVER SWITCH
Current Ratings from 125 – 6300A. Available in 3P or 4P application, up to 600V. For 1P2W, 3P3W, 3P4W systems. With quick make and break operation
Brand: **CONTACTPLASMA, ITALY**

SWITCHGEARS ACCESSORIES AND CONTROL PARTS



DEHUMIDIFIER
Compact, suitable for switchgear. Has strong ability of dehumidification. Power Source: AC/DC 110 – 220V±10%. DC 48V±10%; DC 24±10%
Brand: **LINKWELL**



HEAT SHRINKABLE TUBES
Available in 1kV, 15kV and 36KV. Prevent Busbar from Chemical Corrosion. Provides excellent insulation performance.
Brand: **WOER & HONGSHANG**



TEST TERMINAL BLOCK (CTT & PTT) and SHORTING TERMINAL BLOCK
Circuit Opening Prevention for Current and Potential Transformer Testing. Voltage Rating: 250V, upto 30A. Pole: 4, 6, 8. Brand: **YONGSUNG**



NH FUSES & JCO CONTROL FUSE (Capacitor Protection)
High Protection against short circuit. Five Sizes Available from 000 to 3 (100A up to 630A) Din Rail or Base Mounting
Brand: **ITALWEBER, ITALY**



CAPACITANCE DIVIDER
Available for 15kV upto 36kV application. 3 Phase LCD Display. Easy Installation, Used for voltage detection during power interruptions at the main busbars.
Brand: **ALCE, TURKEY**



SPACE HEATER
Compact High Performance Temperature Safety Cut-out High air through flow, up to 400W.
Brand: **LINKWELL**



FUSE BASES AND FUSE HOLDER
Rated Voltage up to 690V Ampere Rating up to 630A. Brand: **ITALWEBER, ITALY**



HYGROSTAT/ THERMOSTAT/ HYGROTHERM
Humidity and Temperature Controller Operating Voltage: 230V. Service Life: Up to 100,000 cycles. Relative Humidity Operating Range: 35-95%
Brand: **LINKWELL**



PANEL FAN AND FILTERS
Available in the following sizes: 4x4",6x6",8x8"
Brand: **LINKWELL**



SELECTOR SWITCH
3 Position locked Long Handle knob (NO+NC)
Color Available: Black
Brand: **LINKWELL**



PILOT LIGHT (LED Flat Type)
Diameter: 22mm and 16mm Color: Green and Red
Input Voltage: 220VAC and 120VAC/DC
Brand: **LINKWELL**



CAM SWITCH (Circuit Breaker Control Switch)
Rating: DC 125A 20A
Features; Pulling turn & return, 3 Stage, 60° Transfer angle, Pistol Handle Type
IP 56 (Waterproof Type)
Brand: **YS, KOREA**



PUSH BUTTON
Spring Return (Normally Open) - Color: Green
Spring Return (Normally Open+Normally Close) - Color: Red. AC 240V-3A IEC60947-5-1
Brand: **LINKWELL**



RFID SYSTEM TEMPERATURE MONITORING SYSTEM
A wireless and passively energized Temperature Monitoring System which provides early detection of hotspots to protect the switchgear from major damage.
Brand: **PQSENSE**



TEST TERMINAL BLOCK (CTT & PTT)
Circuit Opening Prevention Type for Current Transformer and Potential Transformer testing.
Brand: **FUJI, JAPAN**

OUR PARTNERS

eSit · ALCE · INAEL · sarel · FUJI CONTROL PARTS · ITALWEBER Un mondo di protezione · LINDSEY SYSTEMS · inter-teknik

EKOS electric · DRIESCHER Moosburg • Eisleben · GEMINI INSTRATECH · Contactplasma · YongSung · LINKWELL · Sigma elektrik

BONOMI moving energy since 1928 · THYTRONIC ENERGY FOR A SAFER FUTURE · ELCO ELECTRICAL COMPONENTS SDN BHD · Lovato electric · SOJO ELECTRIC · ELNET

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