

# S&S POWER SWITCHGEAR LTD



MULTIPLE PRODUCTS FROM ONE SOURCE

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We have been dedicated to Switching & Protection Engineering for more than 43years (Since 1977). Now we are stepping into multiple products from one source.

**Our products include:**

- Disconnecter
- MV Switchgear
- CRP
- M.V Outdoor CT PT



## CUSTOMER BENEFIT

- Single point of contract ownership.
- Administrative saving.
- Optimization of logistics cost.
- Competitive Package.
- Smooth project execution .
- Engineering & technical support during proposal and execution phase of project.

## DISCONNECTOR

### SPECIALIST FOR HIGH VOLTAGE DISCONNECTOR

We have executed 3700+ contracts, 45000+DS in 10 different countries like UK , Malaysia, Nepal & so on

- Center Break Disconnectors
- Double Break Disconnectors
- Vertical Break Disconnectors
- Pantograph Disconnectors



#### Voltage ranges:

AC Disconnectors for 12kV, 36kV, 38.5kV, 40.5kV, 72.5kV, 110kV, 123kV, 145kV, 245kV, 300kV, 420kV, (Design Available)

DC Disconnectors for 16kV, 75kV, 95kV

Current rating: 400A to 4000A

Short circuit Current range: 25kA to 63kA for 1sec / 3 seconds

All Disconnectors are supplied in different configurations

Without earth, with one earth &with two earth

## MV SWITCHGEAR

### OUTDOOR VCB



### INDOOR VCB



S&S is the only company in India to have sold more than 18,000 NOS of Circuit Breakers We offer a full line of Indoor & Outdoor Circuit Breakers to help meet many of your application needs.

Voltage range up to 36Kv  
Current range up to 2500A

## CRP

We are amongst the leading independent suppliers of protection, control and substation to Utility, Infrastructure, Commercial and Industrial clients worldwide



## OUR OFFERINGS

Power system Design Engineering • Protection and Control Panel Design, Manufacture and Test • Distribution Control System Design and Integration • Application and Interface Engineering • CAD Facilities - Drawings and Diagrams • Project Management • Delivery and Installation • Commissioning and On-site Testing • Full Technical Support, Training and Instruction

## CURRENT TRANSFORMER

M.V. Outdoor Oil-Cooled Current Transformers

We offer M.V. Outdoor Oil-cooled Current transformers upto 36Kv system voltage. It is available in various specifications to cater to the varied requirements of clients.

These are developed using innovative techniques of production and flexible designs to ensure international quality standards, We are widely known for high efficiency, low maintenance and durability.

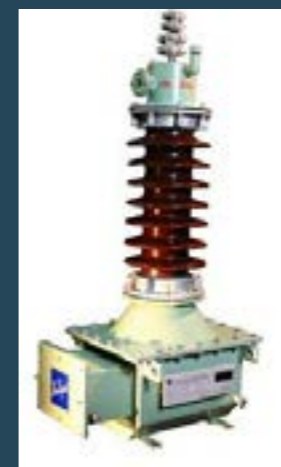


The current transformer used for Metering, protection & special protection (PS CLASS) purposes. Our range of M.V. Outdoor Current transformer includes following: System voltage: 3.3/6.6/11//22/33 KV Outdoor Current Transformer

## POTENCIAL TRANSFORMER

M.V. Outdoor Oil-Cooled Potential Transformers

We offer M.V. OUTDOOR OIL-COOLED POTENTIAL TRANSFORMER which is available in various specifications to cater to the varied requirements of clients. These are developed using innovative techniques of production to ensure international quality standards, widely known for high efficiency, low maintenance, durability and low power consumption.



These can be used in Metering& protection purposes. Our range of M.V. OUTDOOR OIL-COOLED POTENTIAL TRANSFORMER includes following: System voltage: 3.3/6.6/11//22/36 KV OUTDOOR OIL-COOLED Potential Transformer

## ABOUT S&S:

S&S Power Switchgear Ltd (S&S) was established in 1975 in Technical collaboration with Brush Fusegear, UK for manufacture of Fuses. S&S introduced High Voltage Disconnecting Switches (isolators) in 1978 collaborating with Southwales, UK. S&S indigenously developed Outdoor Porcelain Clad Vacuum Circuit Breaker and introduced for the first time in Indian market. S&S became the industry leader in the country in sales and market shares in the Medium Voltage and High Voltage Disconnector Industry. The factory has state-of-the-art manufacturing facilities to produce high quality equipment. A world class Factory in Puducherry houses all third generation equipment and provides low cost high quality manufacturing facility for Disconnectors.

The products of S&S have been tested in internationally renowned Laboratories- Kema Holland, CESI-Italy, and CERDA, France. The type test conducted includes Ice Breaking test , low ambient test, Special test conducted for High Altitude installation of these Disconnectors. S&S continues its success march backed by a strong team of quality Engineers and a fully equipped in house Research and Development department.

## WHY S&S:

- Quality products and services.
- Timely execution of projects.
- Complete after sales services.
- Provide customized solutions.
- Flexibility to adapt to customer needs.
- Long term experience in disconnectors.
- Regular upgradation of services.

## CORE VALUES:

- Committed to achieve success focusing on customer satisfaction.
- Delivering value.
- Excellence in operations.
- Provision of suitable platform for best electrical deals.
- Quality focused team.

## OUR ADDRESS

S&S Power Switchgear Limited  
Plot No:14, CMDA Industrial Area-II,  
Chithamanur Village,  
Maraimalai Nagar-603209,  
Kancheepuram-Dist,  
Tamil Nadu, India

EMAIL : sales@sspower.com



## OUR SUCCESS STORY

Project : 33kV Substation Refurbishment  
Customer: NEEPCO  
Site : Ranga Hydro Electric Plant.

### REPLACEMENT OF EXISTING SF6 WITH NEW VCB

OLD SF6



S&S VCB



#### Challenges faced by customer :

- Old Installation
- 36kV SF6 breaker giving problem during operation.

#### Replacement for the challenges faced

Old SF6 breaker replaced with S&S make Vacuum circuit breaker.

### REPLACEMENT OF EXISTING 33kV DISCONNECTOR WITH NEW 33kV DISCONNECTOR

OLD DISCONNECTOR



S&S DISCONNECTOR



#### Challenges faced by customer :

- Existing 36kV isolator giving problem during the operation (not closing properly).

#### Replacement for the challenges faced

Existing old isolator replaced with new S&S make isolator.

### REPLACEMENT OF EXISTING INDOOR CONTROL UNIT PANEL WITH NEW INDOOR CONTROL UNIT PANELS

INDOOR CONTROL UNIT PANELS

Old



S&S



#### Challenges faced by customer :

- Old conventional relay & Analog meters used at site

#### Replacement for the challenges faced

New Numerical relay and digital meters installed