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WHEN IT COMES
TO '**POWER**',
WE MAKE THE RIGHT
'**CONNECTIONS**'!



Our Manufacturing Facility
at Oragadam, Chennai



HOWELL
ENERGY SYSTEMS PVT.LTD.
SAFE METAL-CLAD SWITCHGEAR UP TO 36kV

Alliance Partner of

Schneider
Electric

for MV Components Integration



We, at **HOWELL ENERGY SYSTEMS PVT. LTD.**, manufacture highly-safe Metal-clad Switchgear up to 36kV. We are also an alliance partner of Schneider Electric for the integration of MV components up to 36kV.

We have already supplied over 2000 Switchgear to various clients including, IIT-Madras, Airports Authority of India, Larsen & Toubro, TNEB, Indian Overseas Bank, TAFE, ZESCO and many leading public & private sector undertakings.

Our manufacturing facility, situated at SIPCOT Industrial Growth Centre, Oragadam, Chennai, India, is equipped with all facilities to manufacture more than 500 panels in a year.

HOWELL PRODUCT RANGE

Metal-clad switchgear up to 36kV

Control and relay panels for wide Applications

Bay Marshalling Kiosks & AC Distribution Boards

LT Panels

Ring Main Gear Panels

APPLICABLE STANDARDS FOR HOWELL SWITCHGEAR

IEC/IS

62271-100

62271-200

62271-102

60044-1

60044-2

Degree of Protection IP - 4X & IP - 56

TECHNICAL SPECIFICATIONS

MODEL	HES-11-/012	HES-124/024	HES-136/036	HES-RMG
BREAKER TYPE	VACUUM	VACUUM	VACUUM	VACUUM
BREAKER MODEL	EVOLIS/HVX	HVX	HVX	HVX
RATED VOLTAGE (kV)	12	24	36	11
RATED CURRENT I (A)	630-2500	1250	1250	1250
RATED SHORT CIRCUIT CURRENT (kA)	25/31.5	25/31.5	25/31.5	26.3
POWER FREQUENCY WITHSTAND VOLTAGE (kV)	28	50	70	28
IMPUSE WITHSTAND VOLTAGE (kV)	75	125	170	75
WIDTH in mm	600-900	800-1000	1000	2200
HEIGHT in mm	2150	2300	2350	2150
DEPTH in mm	1855	2350	2650	1800



TEST REPORTS

[illegible]

FEATURES OF SCHNEIDER HVX TYPE BREAKER

- Compact and Reliable shaft spring Mechanism
- Operator Guidance by functional arrangement of operating and signalling elements
- Vacuum Interrupter suspended free from influence of forces
- Very high Mechanical and Electrical endurances
- Maintenance-free design and compete range for all application fields
- Environment friendly, certified to ISO-14001 Standards



FEATURES OF HOWELL PANELS

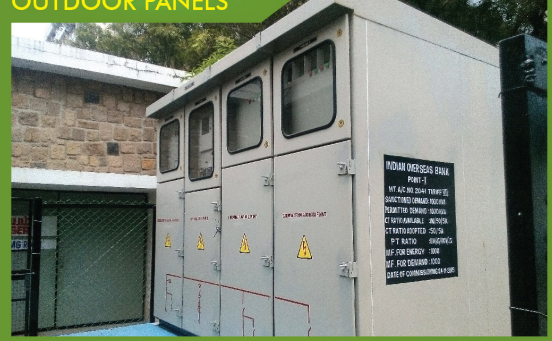
- Modular design to meet Indian/ International standards ensuring safety
- Type tested as per IEC/IS standards
- Indoor / Outdoor versions with Copper / Aluminium busbars
- Constructed with CRCA sheets / Powder coated and without welding joints, making it more reliable
- Fully interlocked for operational safety, with padlocking facility
- Explosion vents are provided on all compartments for internal arc fault
- Protection, control and automation feature customized as per requirements
- Integral earthing switch with fast acting mechanism (optional)
- Cost effective solution, safe and easy to install



INDOOR PANELS



OUTDOOR PANELS



CONTROL & RELAY PANELS



LV PANELS



OUR KEY CUSTOMERS



HOWELL
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SAFE METAL-CLAD SWITCHGEAR UP TO 36kV

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