YÖNTEM®
ELEKTROMEKANİK
SANAYİ ve TİCARET A.Ş.



MEDIUM VOLTAGE SWITCHGEARS

A NEW ENERGY AND DYNAMISM

www.yontemelektromekanik.com.tr

MEDIUM VOLTAGE SWITCHGEARS



Switchgeears are
type tested products in accordance
with the IEC 62271-200 standard.

Metal Clad Switchgeears

Medium Voltage Switchgear Solutions are offered by our company in accordance with the project and specification requirements. Our MV Switchgears are type tested products in accordance with the IEC 62271-200 standard.

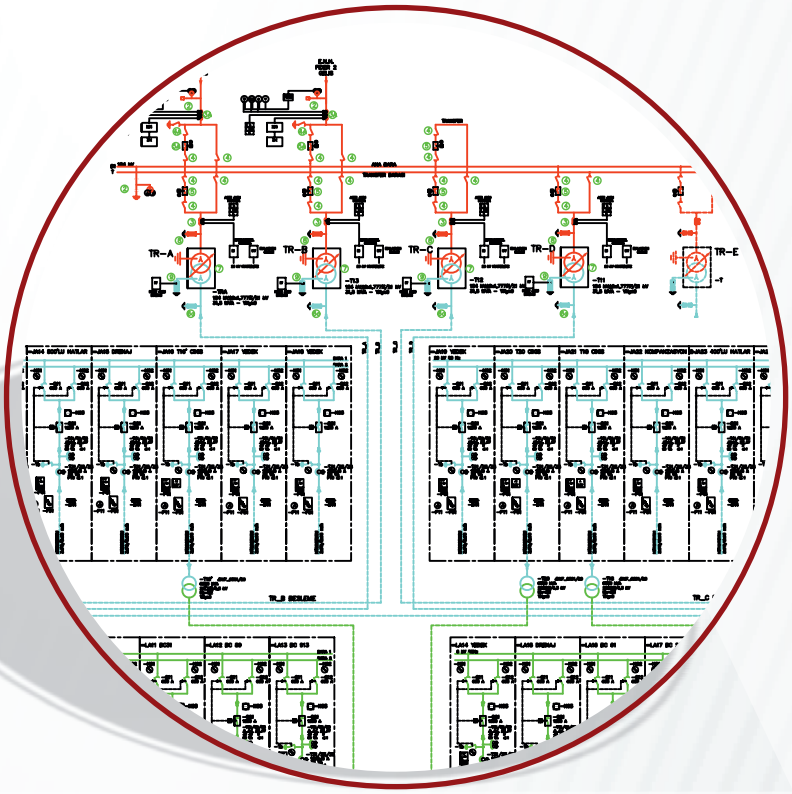
At Medium Voltage level, in accordance with 12 kV, 24 kV and 36 kV operating voltages; We offer solutions for Metal Enclosed Switchgears, Metal Clad Switchgears, Gas Insulated (GIS) Switchgears, MV Capacitor Bank Systems and Custom Made Sheet Metal Cabinets.

MV Cubicles are suitable for assembly and installation in Monoblock Concrete Kiosk, Prafabrik Concrete Kiosk, Transformer Buildings and Metal Sheet Kiosks according to the project.

Technical Characteristics

Switchgears Type	**Metal Enclosed**	**Metal Clad**	**Gas Insulated (GIS)**
Related Production IEC standard	IEC 62271-200	IEC 62271-200	IEC 62271-200
Medium Voltage Switchgear IEC class	LSC2B-PM	LSC2B-PM	LSC2A-PM
Rated voltage	36 kV	12 / 24 / 36 kV	12 / 24 / 36 kV
Rated lightning impulse withstand voltage 1.2 / 50 ?s	170 kV	75 / 125 / 170 kV	75 / 125 / 170 kV
Rated network frequency withstand voltage - 50 Hz.	70 kV- 1 dk.	28 / 50 / 70 kV- 1 dk.	28 / 50 / 70 kV- 1 dk.
Medium Voltage Switchgear protection class	3X	3X	3X
Rated current	630 A - 1250 A	630 A - 1250 A - 2500 A	630 A - 1250 A - 2500 A
Rated short time withstand current for main circuit	16 kA - 3 sn.	25 kA - 3 sn.	25 kA - 1 sn.
Rated peak withstand current	40 kA	63 kA	63 kA
Auxiliary Control Voltages	24-48-110-220 Vac/Vdc	24-48-110-220 Vac/Vdc	24-48-110-220 Vac/Vdc
Access to Cable Connection	Önden Erişim	Önden Erişim	Önden Erişim
Busbar Insulation	Hava	Hava	SF6
Ambient temperature	-5 C° +40 C°	-5 C° +40 C°	-5 C° +40 C°
Average Relative Humidity	80%	80%	80%
Altitude	1000 m.	1000 m.	1000 m.

PRATICAL AND INNOVATIVE SOLUTIONS FOR THE MEDIUM VOLTAGE SYSTEMS



- Detailed Analysis
- Correct Planning
- Effective Solution
- Fast Delivery / Facility
- Test According to Standards
- Sturdy Assembly
- Seamlessly energization

Gas Insulated (GIS) Switchgears



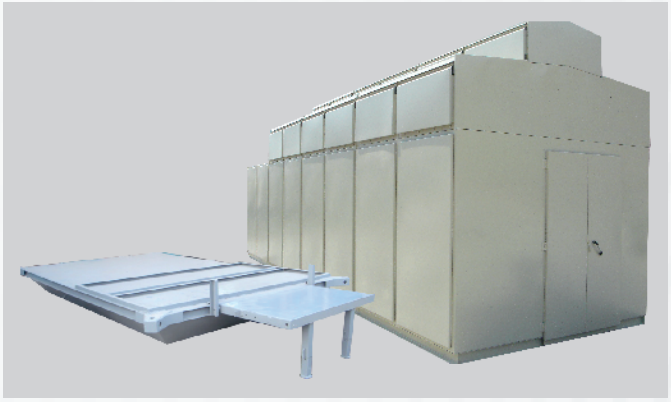
Metal Enclosed Switchgears



M.V. Capasitor Bank Systems



Special Manufactured Sheet Cabins





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