

armtek
ELEKTRİK

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GENERAL PRODUCT CATALOG



Product and Production

Owned by Armin Elektrik A.Ş., a subsidiary of Kolin Holding, our company commenced its production operations on 01.01.2018.

The company sets its objectives as high technology and rapid growth with respect to new, innovative, and dynamic Medium Voltage Switching Equipment products, and production thereof.

In its initial year in business, the company achieved substantial production figures, such as 3.500 Metal Enclosed Modular Switchgears and 750 Concrete Kiosks.

The annual production capacity of the company allows production of 10.000 Metal Enclosed Modular Switchgears, 4.000 Metal Clads and 2.500 Concrete Kiosks per year.

The Employees and the Stakeholders

Deliver services based on institutional quality objectives set pursuant to use of state-of-the-art technology, dedicated human resources, and the knowledge by implementing an investment policy shaped on the basis of the principles on acting as a pioneer and creating difference.

Recognize the fact that profitability in the long term is derived from the quality; create added value for our country, our group, our employees and our stakeholders through the advanced technological products we produce.

Contribute to Turkey's employment volume by employing 200 laborers; the objective in this respect is set as 1.000 laborers by 2023.

Our Vision

Maintain our steady pace of ascension on the path to become a notable, reliable and preferred brand by always maintaining highest international quality standards with respect to products and services, and prioritizing the customer centricity.

Carry forward the accomplishments on the national level to the international arena, and become one of the prominent actors in business domains that exhibit potential for growth.

Our Quality Policy

We implement a holistic approach to quality, wherein we question the Quality of our Human Resources and Information Processing activities and at every aspect of the financial management procedures in every work we undertake, in every decision and action we take, and in every process we implement, that is to say in the Sales and Marketing activities and in the Planning, Production, and Research & Development processes, and we intend to improve the satisfaction of our customers.

We don't adapt to the current levels of quality, but we rather develop, improve and conserve our own. Quality is an expedition and we hereby express our commitment for increasing the performance of all management systems and improving continuously for the sake of seeking, accomplishing and nurturing the quality.

We hereby further undertake to eliminate the hazards and to minimize the risks in order to allow our laborers to sustain their lives with zero accident, including the near misses; and to prevent pollution and conserve the environment with all our respect and affiliation to the Environment, and to fulfill all statutory provisions and other applicable conditions. In this context, we demonstrate an extremely subsistent and sincere approach with respect to the social responsibility.

Aforementioned approach enables us to reflect the quality not only to our products, but also to the attitude we exhibit, the communications with our counterparts, the troubleshooting techniques we employ, to our creations and ultimately to our stakeholders.

We believe that such notion Quality that we approach, nurture and reflect pursuant to the concept of Total Quality ensures perpetual progression as a human being, allows technological improvement of our products, and consolidates our firm's status in the corporate sense as the trust and satisfaction we manage to secure from our customers. And, as an intrinsic outcome of such improvement, the concept of Total Quality and our approach thereof represents the most fundamental baseline so as to render our company a sustainable one with robust financial resources in conjunction with the employees and all stakeholders.



A long-established history that date back for 40 years... Kolin İnşaat.

Playing an active role in development of our country through services rendered in several distinct sectors and the colossal projects accomplished with success...

The signature proudly affixed under every investment undertaken, aware of the fact that it is actually Turkey and Turkish Nation being represented...

A global giant distinguished with the works executed on distinct geographical regions of the world... Kolin İnşaat!

The foundations of Kolin İnşaat, the "Flagship" of Kolin Conglomerate that played the most vital role for the conglomerate to attain its current position, have been laid at Elazığ in 1977 by the engineer members of Koloğlu Family...



Armin Elektrik has been incorporated in 2000 for the purpose of undertaking contracting works as required for the electrical wiring and equipment and associated disciplines for any and all kinds of buildings and industrial plants both in the country and abroad, and execution of the works so undertaken. The company continues to develop and grow constantly by virtue of the quality of its works and the sense of trust it nurtured in both natural persons and corporate bodies that had business with the company since the day of its incorporation.

The company successfully completed numerous turnkey projects in the fields of electromechanical, energy transmission and generation, highway lighting, energy distribution and telecommunications throughout the entire lifetime of the project from drafting until commissioning and subsequent maintenance.





Saray Plant

The plant is constructed with an indoor area of 6000 m². The plant comprises of the warehouse, pre-production, paint shop, assembly line and routine testing units.



Temelli Plant

The plant is constructed with an indoor area of 14 000 m². The plant produces concrete at its intrinsic concrete plant and uses the concrete so produced to fabricate concrete kiosks using 3 dedicated kiosk formworks. Moreover, assembly works of the cells into the kiosks are also carried out in this plant.



Production Capacities (pieces)

Metal Enclosed Switchgear

10000 pcs per year



Metal Clad

4000 pcs per year



Concrete Kiosk

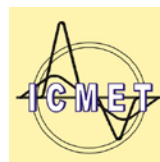
2400 pcs per year



Air Insulated Metal Enclosed Modular Switchgear

ARME SERIES

7,2-36kV / 630-1250A / 16kA-1sn



Compartments of the Air Insulated Metal Enclosed Modular Switchgear

The types of Air Insulated Modular Switchgear comprise of 3 main compartments. These compartments are secured by switching and mechanical interlocks, and the passageways for continuity are insulated from other compartments.

A - Low Voltage Compartment

This compartment contains all secondary circuits for control (measurement, protection, monitoring, communication and other associated systems)

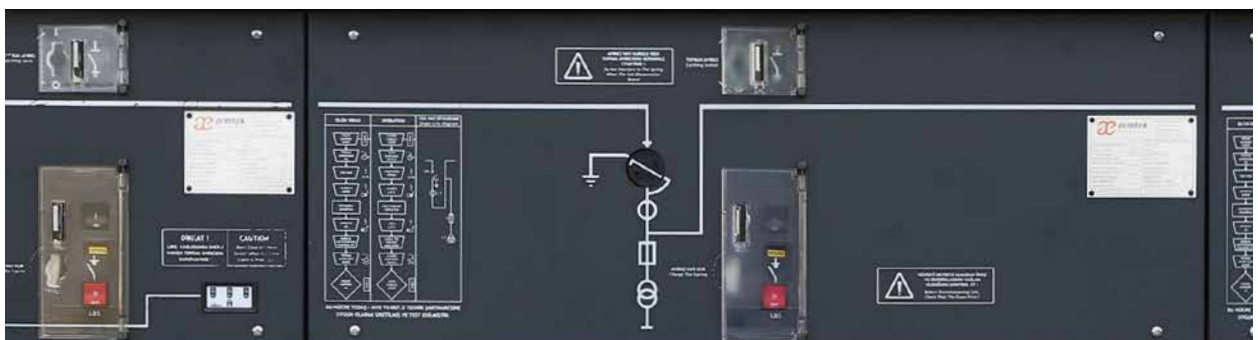
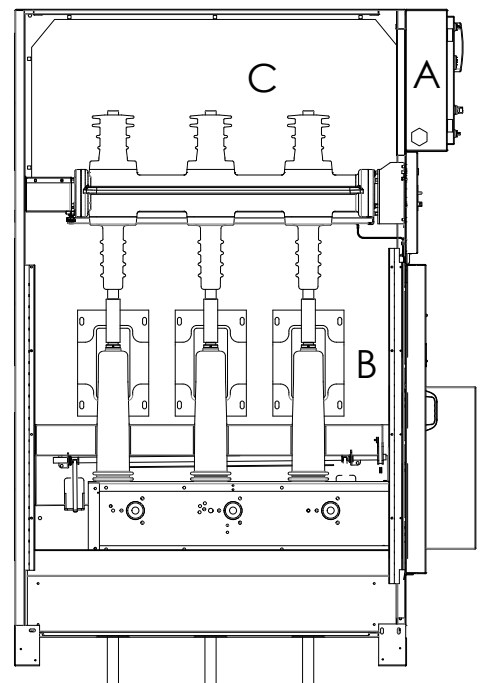
B - Circuit Breaker and Cabling Compartment

The equipment set forth hereunder is installed in the circuit breaker compartment:

- Vacuum Circuit Breaker
- SF6 Circuit Breaker
- SF6 Switch Disconnecter
- Voltage Transformer
- Current Transformer
- Medium Voltage Fuse
- Capacitive Voltage Divider
- Cable glands and connectors

C - Busbar Compartment

The busbar compartment contains the electrolytic copper, the isolators and gate isolators chosen according to the rated current. Access to this compartment requires special instructions and safety precautions.





Security Measures



Security Considerations

Air Insulated Modular Switchgear is designed to prevent explosions or damages at the peripheral devices in case of internal arcs.

Air Insulated Modular Switchgear features high security levels in terms of both the user and the environment. The short circuit, short-term current and internal arc tests have been carried out in accredited laboratories in accordance with IEC 62271-200 standard.

The switchgear has IP3X protection class for outdoor protection.

Miscellaneous Precautions

The mechanical interlocks are used for taking security measures against faulty operation and applications.

It is not possible to open the cell door without switching on the circuit breaker and isolators and without turning off the earthing switch.

All maneuvers and operations are disabled when the cell door remains open.

The hinge and locking system has robust structure and acts as a security measure against faulty operation.

The IP monitoring window available on the circuit breaker door allows you to monitor the status of the circuit breaker.

The earthing switch is lockable according to the isolation and according to the line security.

ME SERIES

Maintenance and Inspection

Armtex "ARME Series" offer higher reliability, higher security and maximum ease of maintenance.

The production plants are ISO-9001 certified, and the quality assurance is ensured through comprehensive design and production tests.

The low-voltage compartment provides adequate space for readily testing and replacing the internal cables.

The self-contained busbar compartment is configured so as not to affect any accidents in adjacent panels. Therefore it does not pose any risk when performing maintenance and inspection operations in other compartments.

The maintenance and inspection durations are minimized as all equipment are easily detachable.

Advantages

- LSC2B Maximum Service Continuity,
- Grounded metal partitions between compartments,
- Maximum operator safety with AFLR internal arc testing feature,
- Safety against operational errors through electrical and mechanical interlocks,
- Fast circuit breaking feature and easy maintenance due to drawer type Vacuum / SF6 Circuit Breakers with,
- Continuity in earthing system,
- Expandable capacity at will by virtue of the modular compact design,
- Short-term resistance-tested; test values 16 kA / 1 s.
- Long service life - 10,000 switching (M2)
- Easy and safe operation designed with complete set of security measures,
- After-sales service and spare parts availability,
- Low maintenance costs.

Applicable Standards

- IEC 62271: High-Voltage Switchgear and Controlgear - Common Features
- IEC 62271-200: High-Voltage Switchgear and Controlgear (AC up to and including 52 kV)
- IEC 62271-100: Alternating Current Circuit Breakers
- IEC 62271-102: Alternating current disconnectors and earthing switches
- IEC 62271-105: Alternating current switch-fuse combinations
- IEC 61869-2: Current Transformers
- IEC 61869-3: Voltage Transformers
- IEC 60273: Post Insulators
- IEC 60051: Electrical Measuring Instruments
- IEC 60255: Secondary Protection Relays
- IEC 61243-1: Live Working - Voltage Detectors





Technical Specifications

Type of Cell	ARME 12	ARME 17.5	ARME 24	ARME 36
Rated Voltage	12 kV	17.5 kV	24 kV	36 kV
Rated Current	630-1250 A	630-1250 A	630-1250 A	630-1250 A
Rated Frequency	50-60 Hz	50-60 Hz	50-60 Hz	50-60 Hz
Short Term Rated Current Resistance (1 sec.)	16-20-25 kA	16-20-25 kA	16-20-25 kA	16-20-25 kA
Grid Frequency	28 kV	38 kV	50 kV	70 kV
Lightning Surge Rated Voltage Resistance (1.2/50us)	75 kV	95 kV	125 kV	175 kV
Internal Arc Class	IAC-AFLR	IAC-AFLR	IAC-AFLR	IAC-AFLR
Protection Class	IP3X	IP3X	IP3X	IP3X

Cell Type 36 kV	Height (mm)	Width (mm)	Depth (mm)	Weight (kg)
ARME-YGC	2250	750	1400	310
ARME-YST	2250	750	1400	330
ARME-YAG	2250	1000	1400	590
ARME-GKC	2250	1000	1400	600
ARME-GKT	2250	1000	1400	600
ARME-GKK	2250	1500	1400	900
ARME-GAG	2250	1000	1400	590
ARME-GGT	2250	750	1400	460

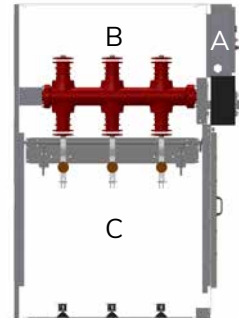
Cell Type 12-24 kV	Height (mm)	Width (mm)	Depth (mm)	Weight (kg)
ARME-YGC	1800-1900	375-500	1000-1200	140
ARME-YST	1800-1900	375-500	1000-1200	150
ARME-YAG	1800-1900	750	1000-1200	400
ARME-GKC	1800-1900	750	1000-1200	410
ARME-GKT	1800-1900	750	1000-1200	410
ARME-GKK	1800-1900	750-1000	1000-1200	450
ARME-GAG	1800-1900	750	1000-1200	400
ARME-GGT	1800-1900	375-500	1000-1200	220

Range of Products

YGC

Switch Disconnecter Input-Output Feeder

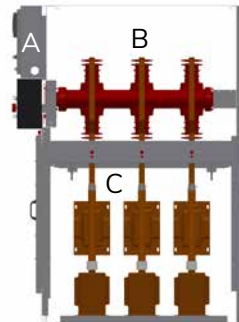
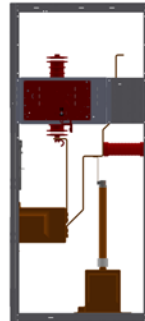
- A = Low Voltage Panel
- B = Cable Compartment
 - SF6 Load Break Switch
 - Capacitive Voltage Divider
- C = Busbar Compartment



YAG

Voltage & Current Measurement Feeder with Switch Disconnecter and Fuse

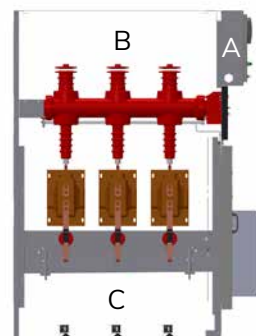
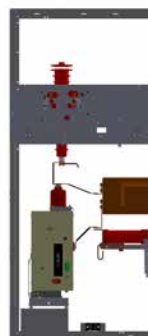
- A = Low Voltage Panel
- B = Cable Compartment
 - SF6 Load Break Switch
 - Capacitive Voltage Dividers
 - HV Fuses
 - Current & Voltage Transformers
 - Bushings
- C = Busbar Compartment



GKC

Input-Output Feeder with Circuit Breaker and Disconnecter

- A = Low Voltage Panel
- B = Cable Compartment
 - SF6 Disconnecter Switch
 - SF6 Circuit Breaker
 - Earthing Switch
 - Capacitive Voltage Dividers
 - Current & Voltage Transformers
- C = Busbar Compartment

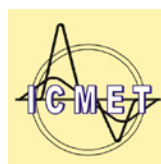




Metal Clad Modular Switchgear

ARMC SERIES

7.2-36kV / 630-3150A / 25kA-1sn



Metal Clad Cell Compartments

Metal Clad cell types comprise of 5 main compartments. These compartments are subdivided using metal partitions, and moving partitions and insulated bushing elements are used at passageways where it is necessary to ensure continuity.

A - Low Voltage Compartment

This compartment contains all secondary circuits for control (measurement, protection, monitoring, communication and other associated systems).

B - Circuit Breaker Compartment

The equipment set forth hereunder is installed in the circuit breaker compartment:

- Vacuum Circuit Breaker
- SF6 Circuit Breaker
- Vacuum Contactor
- Voltage Transformer with Fuse
- Mechanisms and Locks
- Mobile Partition

C - Busbar Compartment

The busbar compartment contains the electrolytic copper, the isolators and gate isolators chosen according to the rated current. Access to this compartment requires special instructions and safety precautions.

D - Voltage Transformer Compartment

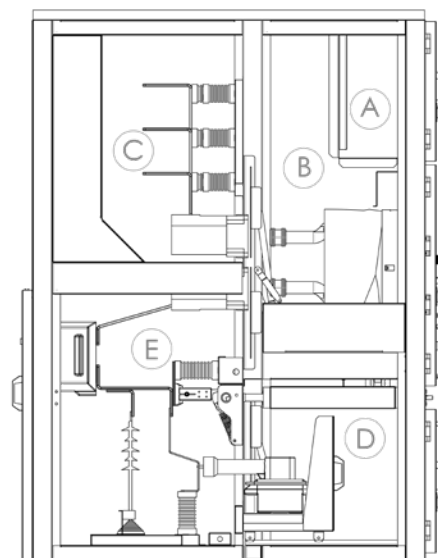
This compartment contains combination of fuse + voltage transformer.

Safety is ensured by the mechanical locks and partition mechanism.

E - Cable Compartment

The equipment set forth hereunder is installed in this compartment:

- Current transformer
- Voltage transformer
- Surge Protection Device
- Earthing Switch
- Capacitive voltage divider
- Cable glands and connectors



Security Measures



Security Considerations

Metal Clad Cells represent the switching system that provides the best protection available at the air-insulated systems. The system is designed to prevent explosions or damages at the peripheral devices in case of internal arcs.

Each compartment of the Metal Clad Cells are subdivided using metal partitions in order to ensure high level of security measures.

The short circuit, short-term current and internal arc tests have been carried out in accredited laboratories in accordance with IEC 62271-200 standard.

The switchgear has IP3X protection class for outdoor protection.

Miscellaneous Precautions

The mechanical interlocks are used for taking security measures against faulty operation and applications.

The door cannot be opened when the circuit breaker is at test position and is not earthed, or the circuit breaker is prevented from switching to the service position when the door is open.

Earthing of the line is prevented when the circuit breaker is in service position.

It is possible to lock the circuit breaker in service and test position.

The hinge and locking system has robust structure and acts as a security measure against faulty operation.

The IP monitoring window available on the circuit breaker door allows you to monitor the status of the circuit breaker.

The mobile partition in the circuit breaker compartment and the cabling and busbar compartment is closed when the circuit breaker is in test position. The partition can be locked when the circuit breaker is not in the test position.

Insulated bushings are used for passing the circuit breaker poles.

The earthing switch is lockable according to the isolation and according to the line security.

The security of the entire line is ensured through communication and signaling systems.

MC SERIES

Maintenance and Inspection

Armtek "ARMC Series" offer higher reliability, higher security and maximum ease of maintenance.

The production plants are ISO-9001 certified, and the quality assurance is ensured through comprehensive design and production tests.

The low-voltage compartment provides adequate space for readily testing and replacing the internal cables.

The self-contained busbar compartment is configured so as not to affect any accidents in adjacent panels. Therefore it does not pose any risk when performing maintenance and inspection operations in other compartments.

The maintenance and inspection durations are minimized as all equipment are easily detachable.

Advantages

- LSC2B Maximum Service Continuity,
- Grounded metal partitions between compartments,
- Maximum operator safety with AFLR internal arc testing feature,
- Safety against operational errors through electrical and mechanical interlocks,
- Fast circuit breaking feature and easy maintenance due to drawer type Vacuum / SF6 Circuit Breakers,
- Continuity in earthing system,
- Expandable capacity at will by virtue of the modular compact design,
- Short-term resistance-tested; test values 31.5 kA / 3 s.
- Long service life - 10,000 switching (M2)
- Easy and safe operation designed with complete set of security measures,
- After-sales service and spare parts availability,





Applicable Standards

- IEC 62271: High-Voltage Switchgear and Controlgear - Common Features
- IEC 62271-200: High-Voltage Switchgear and Controlgear (AC up to and including 52 kV]
- EC 62271-100: Alternating Current Circuit Breakers
- EC 62271-102: Alternating current disconnectors and earthing switches
- IEC 62271-105: Alternating current switch-fuse combinations
- IEC 61869-2: Current Transformers
- IEC 61869-3: Voltage Transformers
- IEC 60273: Post Insulators
- IEC 60051: Electrical Measuring Instruments
- IEC 60255: Secondary Protection Relays
- IEC 61243-1: Live Working - Voltage Detectors

Technical Specifications

ARMC Series 7.2 kV Metal Clad Cell

Model	ARMC7		
Rated Voltage (kV)	7,2		
Rated Frequency (Hz)	50/60		
Rated Grid Frequency Resistance Voltage (kV/1min)	20		
Lightning Surge Rated Voltage Resistance (kV[1.2x50µs])	60		
Short Term Rated Voltage Resistance (kA/s)	25/1		
Degree of Protection	IP3x		
Internal Arc Current (kA/s)	25/1		
Rated Current (A)	630-1250	2000-2500	3150
Dimensions (mm)	Width	700	850
	Height	2250	2250
	Depth	1650	1650
Standard	IEC 62271-200		
Component Options	Schneider , ABB , Siemens , Armtex		

MC SERIES

ARMC Series 12 kV Metal Clad Cell

Model	ARMC12			
Rated Voltage (Hz)	12			
Rated Frequency (Hz)	50/60			
Rated Grid Frequency Resistance Voltage (kV/1min)	28			
Lightning Surge Rated Voltage Resistance (kV[1.2x50µs])	75			
Short Term Rated Voltage Resistance (kA/s)	25/1			
Degree of Protection	IP3x			
Internal Arc Current (kA/s)	25/1			
Rated Current (A)	630-1250	2000-2500	3150	
Dimensions (mm)	Width	700	850	1100
	Height	2250	2250	2250
	Depth	1650	1650	1650
Standard	IEC 62271-200			
Component Options	Schneider , ABB , Siemens , Armtex			

ARMC Series 17,5 kV Metal Clad Cell

Model	ARMC17			
Rated Voltage (Hz)	17,5			
Rated Frequency (Hz)	50/60			
Rated Grid Frequency Resistance Voltage (kV/1min)	38			
Lightning Surge Rated Voltage Resistance (kV[1.2x50µs])	95			
Short Term Rated Voltage Resistance (kA/s)	25/1			
Degree of Protection	IP3x			
Internal Arc Current (kA/s)	25/1			
Rated Current (A)	630-1250	2000-2500	3150	
Dimensions (mm)	Width	700	850	1100
	Height	2250	2250	2250
	Depth	1650	1650	1650
Standard	IEC 62271-200			
Component Options	Schneider , ABB , Siemens , Armtex			



ARMC Series 24 kV Metal Clad Cell

Model	ARMC24			
Rated Voltage (kV)	24			
Rated Frequency (Hz)	50/60			
Rated Grid Frequency Resistance Voltage (kV/1min)	50			
Lightning Surge Rated Voltage Resistance (kV[1.2x50µs])	125			
Short Term Rated Voltage Resistance (kA/s)	25/1			
Degree of Protection	IP3x			
Internal Arc Current (kA/s)	25/1			
Rated Current (A)	630-1250	2000-2500	3150	
Dimensions (mm)	Width	850	1100	1400
	Height	2250	2250	2250
	Depth	1850	1850	1850
Standard	IEC 62271-200			
Component Options	Schneider , ABB , Siemens , Armtex			



MC SERIES

ARMC Series 36 kV Metal Clad Cell

Model	ARMC36	
Rated Voltage (Hz)	36	
Rated Frequency (Hz)	50/60	
Rated Grid Frequency Resistance Voltage (kV/1min)	70	
Lightning Surge Rated Voltage Resistance (kV[1.2x50µs])	170	
Short Term Rated Voltage Resistance (kA/s)	25/1	
Degree of Protection	IP3x	
Internal Arc Current (kA/s)	25/1	
Rated Current (A)	Up to 2500A	
Dimensions (mm)	Width	1400
	Height	2250
	Depth	2600
Standard	IEC 62271-200	
Component Options	Schneider , ABB , Siemens , Armtex	

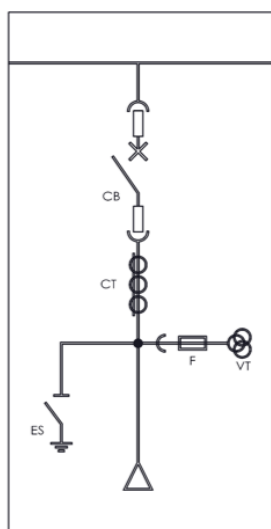
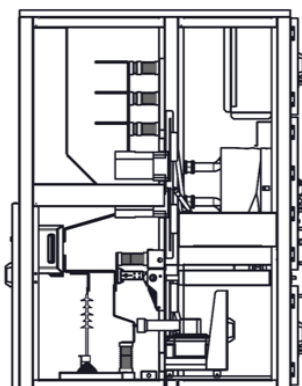




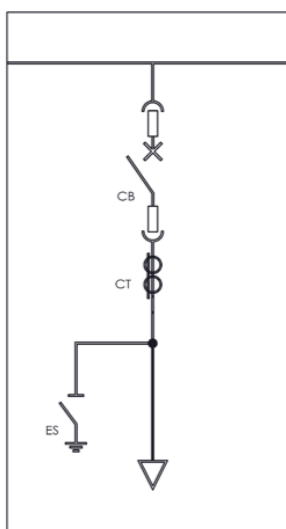
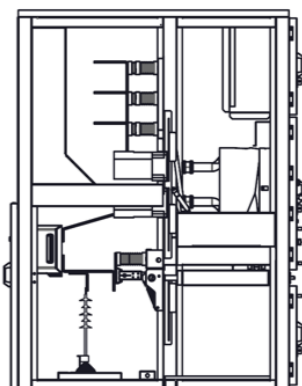
Cell Types

ARMC Series Metal Clad cell types comprise of 5 main compartments. These compartments are subdivided using metal partitions, and moving partitions and insulated bushing elements are used at passageways where it is necessary to ensure continuity.

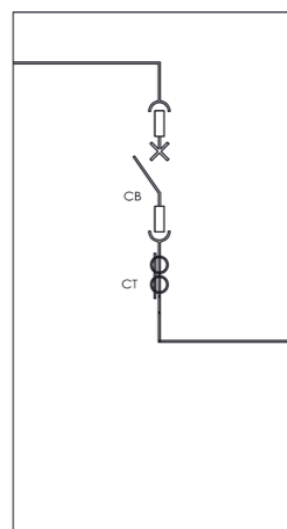
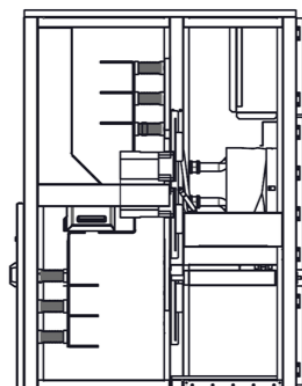
Fused Input - Output Feeder



Line Feeder

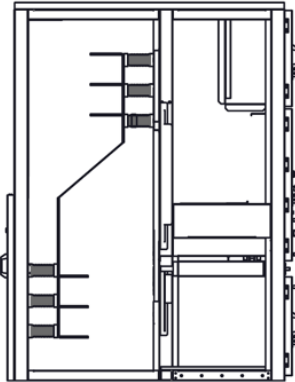


Coupling Feeder

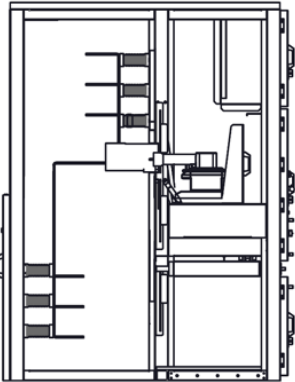


MC SERIES

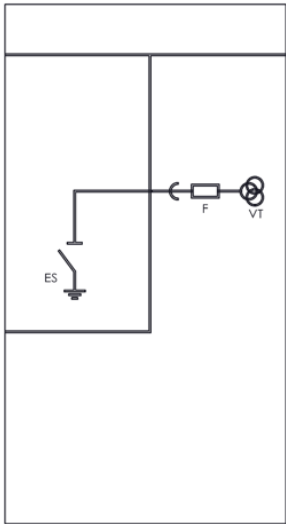
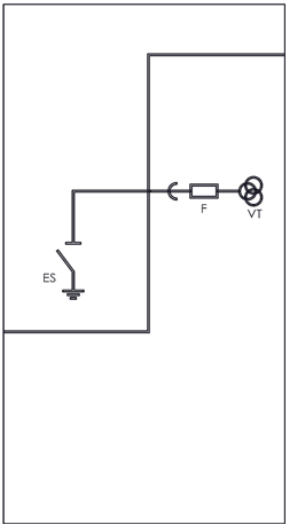
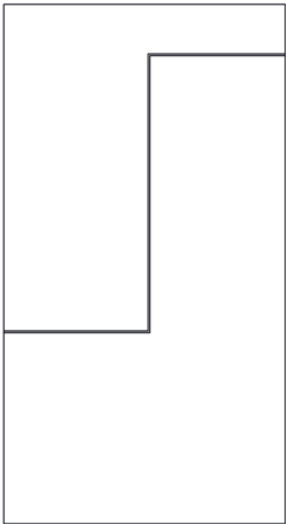
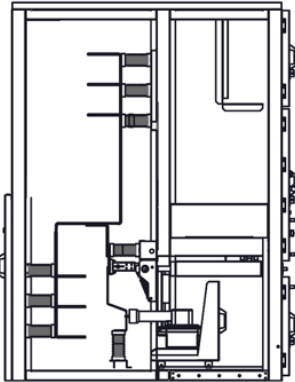
Busbar Amplification Feeder



Busbar Measurement Feeder



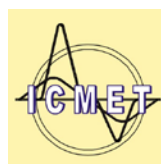
Fused Aux. Service Transformer Feeder





Compact Substations

ARCK SERIES
ARSK SERIES
ARPK SERIES



COMPACT TRANSFORMER SUBSTATIONS

ARCK Series Concrete Kiosks

ARCK Series MV-LV Prefabricated Monoblock Concrete Substations and Distribution Centers are products designed for MV-LV electrical installations and manufactured according to applicable international standards and specifications.

Fields of Use

The products are used as

- MV/LV Substations
- MV Distribution center
- LV panel cabinet

in electricity generation (WPP/HEPP), transmission and distribution plants and in industrial and commercial facilities.

Advantages

Personnel safety through type-tested internal arc resistance and protection class,

Hardware and internal earthing system installed and tested in the plant,

Use of standard and high quality electrical hardware, Durable and robust casing resistant to environmental conditions,

Minimized installation area and construction works,

Easy installation and rapid commissioning,

Portability, and

Aesthetic structure that blends in the environment through unlimited options for color and surface coating



Internal Earthing and Lighting System

The earthing terminals of the steel reinforcement of the concrete casing, the door and electrical equipment and all other metal parts that must be earthed are connected to the equipotential busbar (copper) using the conductors specified in the standard and specifications.

Structural Features

ARCK Series Prefabricated Monoblock Concrete Substation and Distribution Centers comprise of the basic components set forth hereunder:

MV-LV Switching elements
 The transformer
 MV-LV Internal Connectors
 AC/DC Auxiliary Voltage Source
 Operational Safety Materials

Standards

IEC 62271-202	TS EN 62271-202	High-voltage/ low-voltage prefabricated substation
IEC 62271-200	TS EN 62271-200	HV switchgear and controlgear
IEC 60529	TS 3033	Degrees of protection provided by enclosures
IEC 60787	TS IEC 60787	Application guide for the selection of high-voltage current- limiting fuse-links for transformer circuits
	TS 822	Galvanized Plain and Corrugated Steel Sheets (Hot-Dip Galvanized)
EN ISO 1461	TS 914 EN ISO 1461	Hot dip galvanized coatings on fabricated iron and steel articles - specification and test methods
EN ISO 1460	TS EN ISO 1460	Metallic Coatings-Hot Dip Galvanized Coatings on Ferrous Materials- Gravimetric Determination of the Mass Per Unit Area
EN ISO 2409	TS EN ISO 2409	Paints and varnishes - Cross-cut test
EN ISO 4628/3	TS EN ISO 4628-3	Paints and varnishes - Evaluation of degradation of coatings; Designation of quantity and size of defects, and of intensity of uniform changes in appearance - Part 3: Assessment of degree of rusting
	TS EN 206-1	Concrete- Part 1: Specification, performance, production and conformity
EN 206-1	TS 3367	Low-voltage switchgear and controlgear assemblies -- Part 1: Type-tested and partially type-tested assemblies
IEC 60439-1	TS 708	Steel Bars for Concrete
IEC 60068-2-11	TS 2093 EN 60068-2-11	Test Ka:Salt mist
IEC 60076-1	TS 267 EN 60076-1	Power Transformers
IEC61442	TSE EN 61442	Test methods for accessories for power cables with rated voltages from 6 kV (U<(Index)m> = 7, 2 kV) up to 30 kV (U<(Index)m> = 36 kV)
IEC61442	TS HD 629.1 52	Overhead distribution cables of rated voltage U<(index)o>/U (U<(index)m>): 0,6/1 (1,2) kV

COMPACT TRANSFORMER SUBSTATIONS

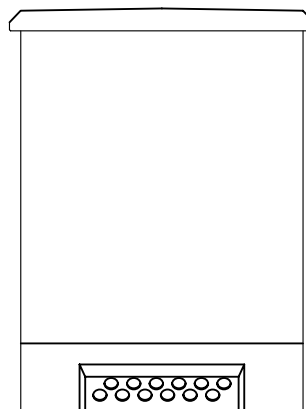
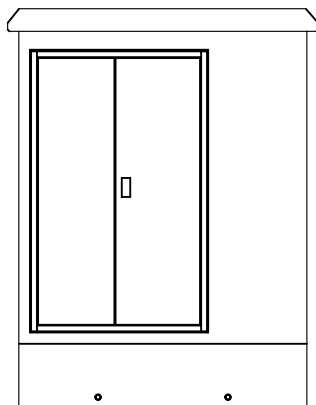
Environmental Specifications

Elevation	2000m
Ambient Temperature,	-25...+50 °C
Ambient Pollution	Düzey 3
Maximum Solar Irradiation	1000 W/m ²
Relative Humidity (max %)	95
Earthquake Acceleration (Y/D)	0.5g/0.4g
System Earthing	Earthing through resistance or direct earthing

Rated Values

Operating Voltage (max)	36 kV
Transformer Power (max)	1600 kVA
Insulation Level	70/170kV
Short Circuit Resistance (MV/LV)	16 kA/ 38kA
Internal Arc Class	AB
Frequency	50/60 Hz
Protection Class	IP23D
Casing Grade	10
Concrete Grade	C35/45

Product Range



Product Range	Length (mm)		Width (mm)		Height (mm)		Weight (tons) Empty
	A(Exterior)	B(Interior)	Exterior	Interior	Exterior	Interior	
ARCK 2550	2550	2350	2500	2300	3550	3340	9
ARCK 3200	3200	3000	2500	2300	3550	3340	11
ARCK 4000	4000	3800	2500	2300	3550	3340	13
ARCK 4500	4500	4300	2500	2300	3550	3340	14
ARCK 5500	5500	5300	2500	2300	3550	3340	18
ARCK 6500	6500	6300	2500	2300	3550	3340	22
ARCK 7500	7500	7300	2500	2300	3550	3340	25



ARSK Series Sheet Kiosks

ARSK Series sheet kiosks are substations and distribution centers manufactured from galvanized and electrostatic powder-painted sheet metal at any desired dimension for all fields of application. Arstek Elektrik sheet kiosks (substation) available for use under all climatic conditions are available to cover the medium voltage – low voltage (MV/LV) distribution center needs for electricity distribution companies and private projects.

Technical Specifications

Rated Voltage	11-36 kV
Maximum Nominal Power (kVA)	2500 kVA
Dimensions (meters)	2-40 m
Metal Sheet Thickness	2-3 mm
Protection Class	IP65
Paint	Electrostatic



COMPACT TRANSFORMER SUBSTATIONS

ARPK Series Prefabricated Concrete Distribution Center and Substation

ARCK Series MV-LV Prefabricated Monoblock Concrete Substations and Distribution Centers are products designed for MV-LV electrical installations and manufactured according to applicable international standards and specifications.

Product Range **Width (mm)** **Height (mm)**

PB1 5340 4090

PB2 7340 4090

PB3 11230 4090

PB4 7940 4090







armtek.com.tr

Saray Factory

İstanbul Yolu 28. km Saray Mah. Çaniçi Cad.
No:6 Kahramankazan / ANKARA
+90 312 802 04 45

Temelli Factory

Aso 2-3 OSB 2013. Cad.
No:16 Sincan / ANKARA
+90 312 802 04 45

W: www.armtek.com.tr
M: armtek@armtek.com.tr