

SIEMENS



SIMOPRIME

Technology
Partner

SIEMENS

Circuit-Breaker Switchgear
Type SIMOPRIME, up to 17.5 kV, Air-Insulated
Medium-Voltage



KHIN MAUNG NYUNT TRADING CO., LTD.
Electrical Products & Machinery

Application	Page
Benefits	
Typical uses	2 and 3
Technical Data	
Ratings	4
Classification, dimensions, roomplanning	5
Product Range	
Panels	6 and 7
Design	
Panel design	8
Compartments, interlocks, operation	9
Benefits and features	10
Standards	
Standards, specifications, guidelines	11 and 12
Comments	
	13
Certificates	
	14 and 15

Benefits (see also page 10 for details)

- Saves lives
- Peace of mind
- Increases productivity
- Saves money



The circuit-breaker switchgear type SIMOPRIME is a factory-assembled, type-tested switchgear for indoor installation according to IEC 62271-200 and VDE 0671-200. Loss of service continuity category: LSC 2B
 Partition class: PM
 Internal arc classification: IAC A FLR, $I_{sc} W$ 40 kA, arc duration: 1 or 0.1 s

SIMOPRIME panel
 Maximum ratings 17.5 kV / 40 kA / 3600 A

Typical uses

The SIMOPRIME circuit-breaker switchgear can be used in transformer and switching substations, e.g.:

Application: Power supply system

- Power supply companies

Application: Industry

- Power stations
- Cement industry
- Automobile industry
- Iron and steel works
- Rolling mills
- Mining industry
- Textile, paper and food industries

- Chemical industry
- Petroleum industry
- Pipeline installations
- Offshore installations
- Electrochemical plants
- Petrochemical plants
- Shipbuilding industry
- Diesel power plants
- Emergency power supply installations
- Lignite open-cast mines
- Traction power supplies

Application
Industry



Application
Public power
supply system

SIMOPRIME
switchgear



Application
Industry

Technical Data

Ratings

Electrical data (maximum values) of SIMOPRIME

Ratings	Rated values (max.)
Switchgear up to 7.2 kV	
Rated voltage	7.2 kV
Rated frequency	50/60 Hz
Rated short-duration power-frequency withstand voltage	20 kV ¹⁾
Rated lightning impulse withstand voltage	60 kV
Rated short-time withstand current, 3 s	40 kA
Rated peak withstand current at 50/60 Hz	100/104 kA
Rated short-circuit breaking current	40 kA
Rated short-circuitmaking current at 50/60 Hz	100/104 kA
Rated normal current of busbar	3600 A
Rated normal current of feeders – with circuit-breaker – with vacuum contactor	3600 A 400 A ²⁾

Switchgear 12 kV	
Rated voltage	12 kV
Rated frequency	50/60 Hz
Rated short-duration power-frequency withstand voltage	28 kV ¹⁾
Rated lightning impulse withstand voltage	75 kV ³⁾
Rated short-time withstand current, 3 s	40 kA
Rated peak withstand current at 50/60 Hz	100/104 kA
Rated short-circuit breaking current	40 kA
Rated short-circuitmaking current at 50/60 Hz	100/104 kA
Rated normal current of busbar	3600 A
Rated normal current of feeders – with circuit-breaker – with vacuum contactor	3600 A 400 A ²⁾

Ratings	Rated values (max.)
Switchgear 15 kV	
Rated voltage	15 kV
Rated frequency	50/60 Hz
Rated short-duration power-frequency withstand voltage	35 kV
Rated lightning impulse withstand voltage	95 kV
Rated short-time withstand current, 3 s	40 kA
Rated peak withstand current at 50/60 Hz	100/104 kA
Rated short-circuit breaking current	40 kA
Rated short-circuitmaking current at 50/60 Hz	100/104 kA
Rated normal current of busbar	3600 A
Rated normal current of feeders – with circuit-breaker	3600 A

Switchgear 17.5 kV	
Rated voltage	17.5 kV
Rated frequency	50/60 Hz
Rated short-duration power-frequency withstand voltage	38 kV ¹⁾
Rated lightning impulse withstand voltage	95 kV
Rated short-time withstand current, 3 s	40 kA
Rated peak withstand current at 50/60 Hz	100/104 kA
Rated short-circuit breaking current	40 kA
Rated short-circuitmaking current at 50/60 Hz	100/104 kA
Rated normal current of busbar	3600 A
Rated normal current of feeders – with circuit-breaker	3600 A

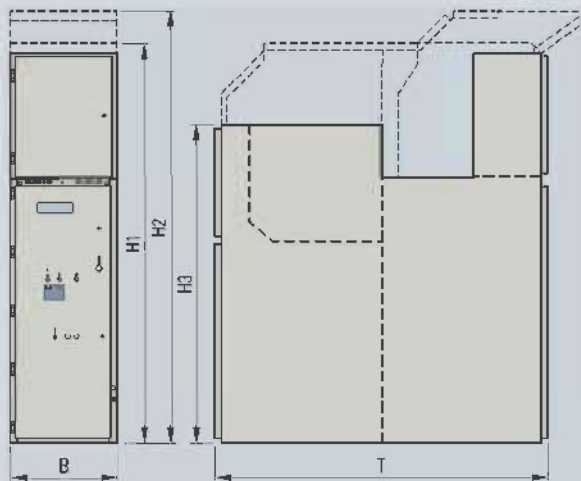
- 1) Option: Higher values acc. to GOST standards
 2) Depending on the rated current of the HV HRC fuses installed
 3) 60 kV for vacuum contactor

Classification of the SIMOPRIME switchgear according to IEC 62271-20

Internal arc classification		
Classification	IAC	
Accessibility	Type A	
- Front	Type A	
- Rear	Type A	
- Lateral	Type A	
Test current	kA	25/31.5/40
Arc duration	s	0.1/1.0

Construction and design	
Partition class	PM (metallic partition)
Loss of service continuity category	LSC2B (metal-clad)
Compartment accessibility (standard)	
- Busbar compartment	Tool-based
- Switching-device compartment	Interlock-controlled
- Low-voltage compartment	Tool-based
- Connection compartment	Interlock-controlled and tool-based
- Front connection	
- Rear connection	Tool-based

Dimensions

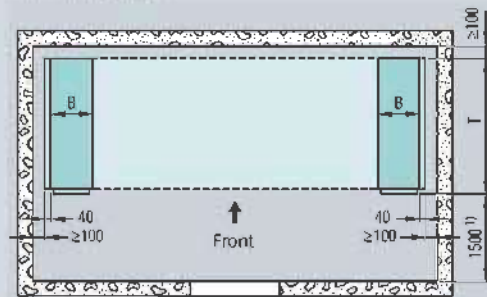


All panel types		Dimensions in mm			
Width	B	up to			
Circuit-breaker panel	≤1250 A	31.5 kA	40 kA		
		600	800		
		2500 A, 3150 A, 3600 A	800	800	
Contactor panel		435 ²⁾ /600	435 ²⁾		
Disconnecting panel	≤1250 A	600	800		
		2500 A, 3150 A, 3600 A	800	800	
		Bus sectionalizer/circuit-breaker panel ≤1250 A	600	800	
2500 A, 3150 A, 3600 A	800	800			
Bus sectionalizer/bus riser panel	≤2500 A	600	800		
		3150 A, 3600 A	800	800	
		Metering panel	600	800	
Height	H1	With standard low-voltage compartment and IAC 0.1 s	2253	2253	
		H2	With standard low-voltage compartment and IAC 1.0 s	2425	2460
		H3	-	1780	1780
Depth	T	Standard	1860	1860	

2) Can be ordered as of the year 2009

Room planning (room height ≥ 2800 mm)

Front connection



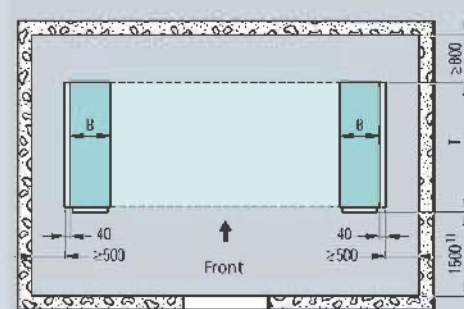
Single-row arrangement (plan view)

For dimensions B (width) and T (depth) refer to table on this page

1) Control aisle widths

≤ 31.5 kA and w3150 A versions:	≥1500mm
40 kA or 3600 A versions:	≥1700mm
For panel replacement:	≥2000mm

Rear connection



Single-row arrangement (plan view)

For dimensions B (width) and T (depth) refer to table on this page

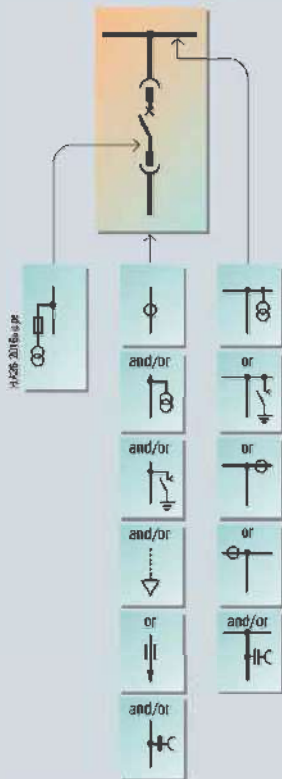
1) Control aisle widths

≤ 31.5 kA and ≤ 3150 A versions:	≥1500mm
40 kA or 3600 A versions:	≥1700mm
For panel replacement:	≥2000mm

Product Range

Panels

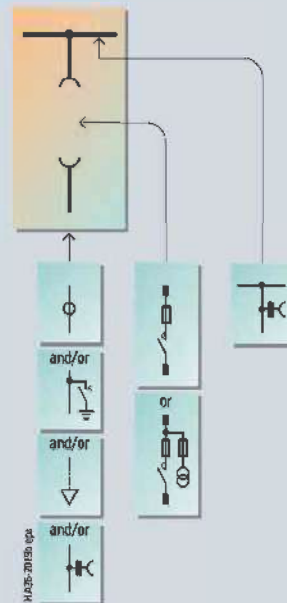
Circuit-breaker panel



Disconnecting panel



Vacuum contactor panel



Components

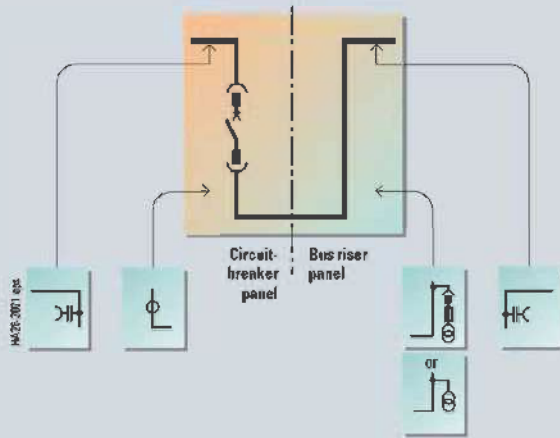
	Current transformer
	Voltage transformer without primary fuses
	Current transformer in run of busbar
	Voltage transformer with primary fuses
	Capacitive voltage detecting system

	Vacuum contactor with HV HRC fuses
	Vacuum contactor with control transformer and HV HRC fuses
	Make-proof earthing switch
	Cable sealing ends ¹⁾ max. 4 x 500 mm ² per phase
	Bar connection

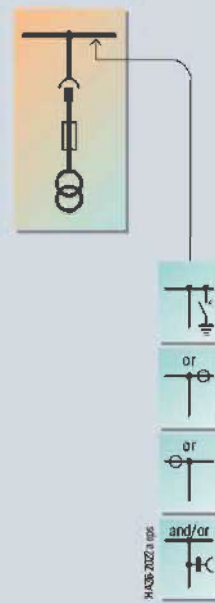
	Vacuum circuit-breaker
	Disconnecting switch
	HV HRC fuse

1) The details refer to conventional single-core sealing ends.

Bus sectionalizer (mirror-image installation also possible)



Metering panel



Components

	Current transformer
	Voltage transformer without primary fuses
	Current transformer in run of busbar

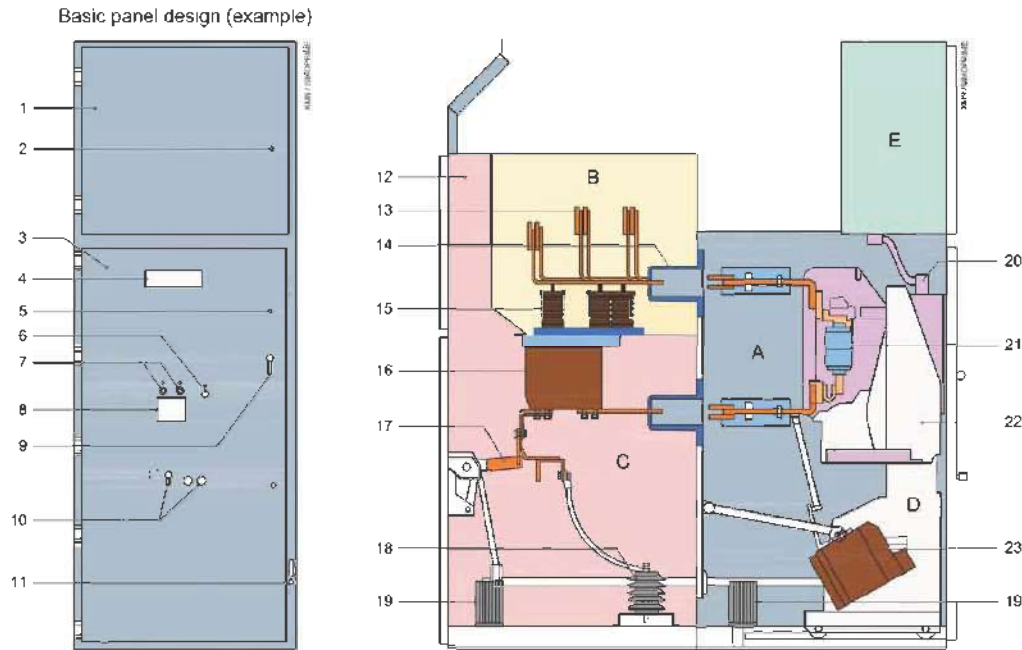
HA30-2602a spb

	Withdrawable voltage transformer with primary fuses
	Capacitive voltage detecting system

	Make-proof earthing switch
	Vacuum circuit-breaker

Vacuum Circuit-Breaker Panel (SIMOPRIME)

12 kV, 1250 A, 40 kA



Legend for panel design

- | | |
|--|---------------------------------|
| 1. Door of low -voltage compartment | |
| 2. Opening for locking or unlocking the low-voltage compartment | |
| 3. High-voltage door | |
| 4. Inspection window for checking the switching device truck | |
| 5. Opening for locking or unlocking the high-voltage door | |
| 6. Opening for mechanical charging of circuit-breaker closing spring | |
| 7. Openings for manual operation (ON/OFF) of the circuit breaker | |
| 8. Inspection window for reading the indicators | |
| 9. Door handle | |
| 10. Openings for switching-device truck operation | |
| 11. Opening for earthing-switch operation | |
| 12. Prussure relief duct | |
| 13. Busbars | |
| 14. Bushings | |
| 15. Post insulators | |
| 16. Block-type current transformer | |
| 17. Make-proof earthing switch | |
| 18. Lightening arrester | |
| 19. Heater | |
| 20. Low-voltage plug connector | A. Switching-device compartment |
| 21. Vacuum interrupters | B. Busbar compartment |
| 22. Switching-device truck | C. Connection compartment |
| 23. Voltage transformer | D. Vacuum circuit-breaker Truck |
| | E. Low-voltage compartment |

Switching-device compartment

- All switching operations with high-voltage door closed
- Pressure relief upwards
- Panel powder-coated with epoxy resin
- Shutter operating mechanisms separately for
 - Busbar compartment
 - Connection compartment
- Metallic, earthed shutters and partitions ensure partition class PM
- High-voltage door pressure-resistant in the event of internal arcs in the panel
- Metallic ducts on the side for laying control cables
- Interlocking between high-voltage door and circuit-breaker truck ensures interlock-based access
- Option: Test sockets for capacitive voltage detecting system
- Switching-device compartment to accommodate components for implementing various panel versions with
 - Vacuum circuit-breaker with or without voltage transformers on the truck
 - Disconnecter truck
 - Vacuum-contactor truck
 - Metering truck

Busbar compartment

- Pressure relief upwards and through rear pressure relief duct
- Option: Busbar transverse partition between panels
- Busbars made of flat copper, bolted from panel to panel
 - For rated normal currents up to 3600 A
 - Option: Insulated busbars
- Bolted rear and top covers provide tool-based access
- Option: Coupling electrode for capacitive voltage detecting system
- Options: Possibility of installing the following components
 - Voltage transformers
 - Busbar earthing switch
 - Current transformers in the run of busbars

Connection compartment

- Pressure relief upwards through rear pressure relief duct
- Suitable for connection of
 - Single-core XLPE cables up to max. 6 x 500 mm² per phase
 - Three-core XLPE cables up to max. 3 x 300 mm² per panel
 - Bars made of flat copper with bushings in a floor cover or fully-insulated bars including floor cover
- Shutters to be opened separately to permit cable testing
- Earthing busbar
- Connection from front or rear
- Option: Pressure-resistant floor cover
- Use of block-type current transformers
- Bolted rear covers of the connection compartment provide tool-based access for panels with connection from rear
- Interlocked high-voltage door and bolted partitions between connection compartment and switching-device compartment provide interlock-based and tool-based access for panels with connection from front
- Components at the panel connection (option)
 - Coupling electrode for capacitive voltage detecting system
 - Voltage transformers
 - Cast-resin insulated
 - Max. 3 x 1-pole
 - Fixed-mounted, without primary fuses
 - Make-proof earthing switches
 - With manual operating mechanism
 - In addition to standard interlocking of earthing switch/circuit-breaker truck, optionally lockable or with electromagnetic interlock
 - Surge arresters or limiters
 - Surge arresters for protecting the switchgear against external overvoltages
 - Surge limiters for protecting consumers against switching overvoltages

Interlocks

- Interlocking conditions are satisfied according to IEC 62271-200 / VDE 0671-200
- Earthing switch can only be operated with circuit-breaker truck in test position
- Circuit-breaker truck can only be moved with circuit-breaker "OPEN" and earthing switch "OPEN"
- Mechanical coding on the circuit-breaker truck prevents insertion of similar circuitbreaker trucks for lower rated normal currents into panels with higher rated normal currents
- Interlocking of high-voltage door against circuit-breaker truck
- The high-voltage door can only be opened when the circuit-breaker truck is in test position
- Option: Electromagnetic interlocks

Low-voltage compartment

- For accommodation of all protection, control, measuring and metering equipment
- Partitioned safe-to-touch from the high-voltage part
- Low-voltage compartment can be removed, bus wires and control cables are plugged in
- Option: Partition between panels
- Low-voltage cables**
 - Control cables of the panel are flexible and have metallic covers
 - Connection of switching-device truck and panel wiring to low-voltage compartment via 64-pole coded plug connectors
 - Bus wires are pluggable from panel to panel

Benefits	Features
<ul style="list-style-type: none"> • Saves lives 	<ul style="list-style-type: none"> • All switching operations including emergency manual operations with high-voltage door closed • Interlocking between high-voltage door and switching devices • Rack-in, rack-out operations of the circuit-breaker truck with high-voltage door closed • Metallic, earthed shutters and partitions, partition class: PM (metallic partition) • Internal arc tested design up to 40 kA, 1 s, according to IEC 62271-200, VDE 0671-200 • Use of vacuum circuit-breakers
<ul style="list-style-type: none"> • Peace of mind 	<ul style="list-style-type: none"> • Factory-assembled, type-tested switchgear according to IEC 62271-200 • Type testing of the circuit-breaker inside the panel • Use of standard, world-wide available components • Use of maintenance-free vacuum circuit-breakers • Quality management according to DIN EN ISO 9001 • Design based on global best practice sharing and experience • More than 300,000 air-insulated switchgear panels from Siemens in operation world-wide
<ul style="list-style-type: none"> • Increases productivity 	<ul style="list-style-type: none"> • Use of metallic, earthed shutters and partitions between the compartments ensures highest loss of service continuity of the switchgear (LSC2B according to IEC 62271-200) during maintenance • Use of maintenance-free vacuum circuit-breakers
<ul style="list-style-type: none"> • Saves money 	<ul style="list-style-type: none"> • Use of maintenance-free vacuum circuit-breakers

Standards (March 2008)

The switchgear complies with the relevant standards and specifications applicable at the time of type tests.

In accordance with the harmonization agreement reached by the EU countries, their national specifications conform to the IEC standard.

Overview of standards

		IEC standard	VDE standard	EN standard
Switchgear	SIMOPRIME	IEC 62271-1	VDE 0671-1	EN 62271-1
		IEC 62271-200	VDE 0671-200	EN 62271-200
Devices	Circuit-breaker	IEC 62271-100	VDE 0671-100	EN 62271-100
	Vacuum contactor	IEC 60470	VDE 0670-501	EN 60440
	Disconnecter and earthing switch	IEC 62271-102	VDE 0671-102	EN 62271-102
	HV HRC fuses	IEC 60282	VDE 0670-4	EN 60282
	Voltage detecting systems	IEC 61243-5	VDE 0682-415	EN 61243-5
Degree of protection	–	IEC 60529	VDE 0470-1	EN 60529
Insulation	–	IEC 60071	VDE 0111	EN 60071
Instrument transformers	Current transformer	IEC 60044-1	VDE 0414-1	EN 60044-1
	Voltage transformer	IEC 60044-2	VDE 0414-2	EN 60044-2
Installation	–	IEC 62271	VDE 0101	–

Table – Dielectric strength

Rated voltage (rms value)	kV	7.2	12	15	17.5
Rated short-duration power-frequency withstand voltage (rms value)					
– Across isolating distances	kV	23	32	39	45
– Between phases and to earth	kV	20	28	35	38
Rated lightning impulse withstand voltage (peak value)					
– Across isolating distances	kV	70	85	105	110
– Between phases and to earth	kV	60	75	95	95

Type of service location

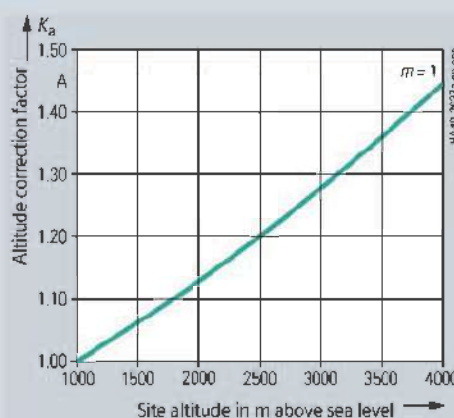
The switchgear can be used for indoor installation in accordance with IEC 61936 (Power installations exceeding 1 kV AC) and VDE 0101

- Outside lockable electrical service locations at places which are not accessible to the public. Enclosures of switchgear can only be removed with tools.

- Inside lockable electrical service locations. A lockable electrical service location is a place outdoors or indoors that is reserved exclusively for housing electrical equipment and which is kept under lock and key. Access is restricted to authorized personnel and persons who have been properly instructed in electrical engineering. Untrained or unskilled persons may only enter under the supervision of authorized personnel or properly instructed persons.

Altitude correction factor K_a

For site altitudes above 1000m, the altitude correction factor K_a is recommended, depending on the actual site altitude above sea level.



Rated short-dur. power-freq. withstand volt. to be selected for site altitudes > 1000m

≥ Rated short-duration power-frequency withstand voltage up to ≤ 1000m · K_a

Rated lightning impulse withstand volt. to be selected for site altitudes > 1000m

≥ Rated lightning impulse withstand voltage up to ≤ 1000m · K_a

Example:

1800m site altitude above sea level
 12 kV switchgear rated voltage
 75 kV rated lightning impulse withstand voltage
 Rated lightning impulse withstand voltage to be selected = $75 \text{ kV} \cdot 1.10 = 82.5 \text{ kV}$

Result:

According to the above table, a switchgear for a rated voltage of 17.5 kV is to be selected.

Dielectric strength

- The dielectric strength is verified

by testing the switchgear with rated values of short-duration power-frequency withstand voltage and lightning impulse withstand voltage according to IEC 62271-1 / VDE 0671-1 (see table "Dielectric strength").

- The rated values are referred to sea level and to normal atmospheric conditions (1013 hPa, 20 °C, 11 g/m³ humidity in accordance with IEC 60071 / VDE 0111).

- The dielectric strength decreases with increasing altitude.

For site altitudes above 1000 m (above sea level) the standards do not provide any guidelines for the insulation rating. Instead, special arrangements apply to these altitudes.

- Site altitude

– As the altitude increases, the dielectric strength in air decreases due to the decreasing air density. This reduction is permitted up to a site altitude of 1000 m according to IEC and VDE.

– For site altitudes above 1000 m, a higher insulation level must be selected. It results from the multiplication of the rated insulation level for 0 to 1000 m with the altitude correction factor K_a .

Terms

"Make-proof earthing switches" are earthing switches with short-circuit making capacity according to

- IEC 62271-102 and
- VDE 0671-102 / EN 62271-102

Internal arc classification

- Protection of operating personnel by means of tests for verifying the internal arc classification
- Internal arcing tests must be performed in accordance with IEC 62271-200 / VDE 0671-200
- The switchgear complies with criteria 1 to 5 specified in the mentioned standards for the basic version up to 40 kA.
- Definitions of the criteria:
 - Criterion 1
Correctly secured doors and covers do not open. Limited deformations are accepted.
 - Criterion 2
No fragmentation of the enclosure. Projection of small parts up to an individual mass of 60 g are accepted.
 - Criterion 3
Arcing does not cause holes in the accessible sides up to a height of 2 m.
 - Criterion 4
Horizontal and vertical indicators do not ignite due to the effect of hot gases.
 - Criterion 5
The enclosure remains connected to its earthing point.

Current-carrying capacity

- According to IEC 62271-1 / VDE 0671-1 and IEC 62271-200 / VDE 0671-200 current carrying capacities refer to the following ambient air temperatures:
 - Maximum of 24-hour mean + 35 °C
 - Maximum + 40 °C
- The current-carrying capacity of the panels and busbars depends on the ambient air temperature outside the enclosure.
- To attain the maximum rated normal currents, the panels are provided with natural or forced ventilation.

Climate and environmental influences

The switchgear may be used, subject to possible additional measures, under the following environmental influences and climate classes:

Environmental influences

- Natural foreign materials
- Chemically active pollutants
- Small animals

Climate classes

- 3K3
- 3K5

The climate classes are classified according to IEC 60721-3-3.

Protection against solid foreign bodies, electric shock and ingress of water

SIMOPRIME switchgear fulfills acc. to the standards

- IEC 62271-200
- IEC 60529
- VDE 0470-1
- VDE 0671-200

the following degrees of protection:

- Enclosure:
IP 4X, IP 5X (protection against solid foreign bodies)
IP X1, IP X2 (protection against ingress of water)
- Compartments:
IP 2X (protection against solid foreign bodies)
Higher degree of protection for enclosure on request.

SIEMENS

SIMOPRIME

SIMOPRIME Technology Partner

Certificate

Siemens AG,
hereby certifies that

**Khin Maung Nyunt Trading Co.Ltd
(KMN)**

No. 43 Shwe Tharaphi Yeikmon,
Bayint Naung Rd., Kamayut Tsp.
Yangon, Myanmar

is a SIMOPRIME Technology Partner.

In the context of the cooperation agreement we grant the company named above the right to manufacture and sell the SIMOPRIME type-tested medium-voltage switchgear (7.2 - 17.5 kV). To ensure adherence to quality specifications, the corporation named above maintains a quality management system. The effectiveness of this system and adherence to contractual requirements are regularly audited and certified.

Certificate no: MV505/01

Leipzig, 11.12.2015
Siemens AG



Eckhard Schönfisch

Kathleen Koch



SIEMENS

siemens.com/technology-partner

ISO 9001:2015

Certificate of Registration

This is to Certify that
Quality Management System of

KHIN MAUNG NYUNT MANUFACTURING CO., LTD

NO (506-508), MOGOKE STREET, INDUSTRIAL ZONE (I),
SOUTH DAGON TOWNSHIP, YANGON, MYANMAR.

has been assessed and found to conform to the requirements of

ISO 9001:2015


for the following scope:


DESIGN OF MAIN DISTRIBUTION PANEL, CAPACITOR BANK PANEL, AUTOMATIC TRANSFER SWITCH (ATS) PANEL, CHANGE OVER SWITCH (COS) PANEL, VACUUM CIRCUIT BREAKER (VCB) PANEL, KILOWATT HOUR (KWH) METER PANEL, MOTOR STARTER PANEL, DISTRIBUTION BOARD (DB) PANEL.


&

MANUFACTURE OF MAIN DISTRIBUTION PANEL, CAPACITOR BANK PANEL, AUTOMATIC TRANSFER SWITCH (ATS) PANEL, CHANGE OVER SWITCH (COS) PANEL, VACUUM CIRCUIT BREAKER (VCB) PANEL, KILOWATT HOUR (KWH) METER PANEL, AIR CIRCUIT BREAKER (ACB) PANEL, MOTOR STARTER PANEL, MARSHALLING KIOSK PANEL, DISTRIBUTION BOARD (DB) PANEL.

Certificate No	: 181QNM25	Issuance Date	: 14.02.2018
Initial Registration Date	: 14.02.2018	Date of Expiry *	: 13.02.2021
1st Surve. Due	: 14.01.2019	2nd Surve. Due	: 14.01.2020


Director
AQC MIDDLE EAST FZE.


ACCREDITED
Management Systems
Certification
MSCB-119


MEMBER OF MULTINATIONAL
REGISTRATION ARRANGEMENT

P1 1401:1 Author: Chris Turner, Sarah D'Khalifa 199-Zeynel Paak, L. Arian, IAF. e-mail: info@ias-world.com.
 *Date of the certificate expiry is dependent on the scope of the system. Please refer to the scope of the system for more information and to understand the
 conditions of the certificate and its registration/contract.
 Certificate Verification: Please check the validity of certificate at IAS. IAS does not guarantee the validity of the certificate if it is suspended or annulled. IAS does not
 guarantee the integrity of IAS' Website, the IAF and shall be certified accordingly when required.

ISO 14001:2015

Certificate of Registration

This is to Certify that
Environmental Management System of

**KHIN MAUNG NYUNT MANUFACTURING
COMPANY LIMITED.**

NO (506-508), MOGOKE STREET, INDUSTRIAL ZONE (I),
SOUTH DAGON TOWNSHIP, YANGON, MYANMAR.

has been assessed and found to conform to the requirements of


ISO 14001:2015


for the following scope :


DESIGN OF MAIN DISTRIBUTION PANEL, CAPACITOR BANK PANEL, AUTOMATIC TRANSFER SWITCH (ATS) PANEL, CHANGE OVER SWITCH (COS) PANEL, VACUUM CIRCUIT BREAKER (VCB) PANEL, KILOWATT HOUR (KWH) METER PANEL, MOTOR STARTER PANEL, DISTRIBUTION BOARD (DB) PANEL AND

MANUFACTURE OF MAIN DISTRIBUTION PANEL, CAPACITOR BANK PANEL, AUTOMATIC TRANSFER SWITCH (ATS) PANEL, CHANGE OVER SWITCH (COS) PANEL, VACUUM CIRCUIT BREAKER (VCB) PANEL, KILOWATT HOUR (KWH) METER PANEL, AIR CIRCUIT BREAKER (ACB) PANEL, MOTOR STARTER PANEL, MARSHALLING KIOSK PANEL, DISTRIBUTION BOARD (DB) PANEL.

Certificate No	: 191EC157	Issuance Date	: 04.05.2019
Initial Registration Date	: 04.05.2019	Date of Expiry *	: 03.05.2022
1st Surve. Due	: 04.04.2020	2nd Surve. Due	: 04.04.2021


Director
AQC MIDDLE EAST FZE.


ACCREDITED
Management Systems
Certification Body
MSCB-119


MEMBER OF MULTINATIONAL
REGISTRATION ARRANGEMENT

Head Office: 13-1401 1, Center East Avenue, Sheikh Akshaf Bin Zayed Park 2, Ajman, UAE. e-mail: info@iasworld.com.
 *Date of the certificate expiry is dependent on the scope of the system. Please refer to the scope of the system for more information and to understand the
 conditions of the certificate and its registration/contract.
 Certificate Verification: Please check the validity of certificate at IAS. IAS does not guarantee the validity of the certificate if it is suspended or annulled. IAS does not
 guarantee the integrity of IAS' Website, the IAF and shall be certified accordingly when required.

Printed on elementary chlorine-free bleached paper.

All rights reserved.

If not stated otherwise on the individual pages of this catalog, we reserve the right to include modifications, especially regarding the stated values, dimensions and weights. Drawings are not binding.

All product designations used are trademarks or product names of Siemens AG or other suppliers.

If not stated otherwise, all dimensions in this catalog are given in mm.

Subject to change without prior notice.

The information in this document contains general descriptions of the technical options available, which may not apply in all cases. The required technical options should therefore be specified in the contract.



Assembled in
Khin Maung Nyunt Manufacturing Co., Ltd.
Under License of Siemens (Germany)



KHIN MAUNG NYUNT TRADING CO., LTD.

ELECETRICAL PRODUCTS & MACHINERY



Head Office & Showroom No.43, Shwe Tharaphi Yeikmon, Bayint Naung Road, Kamayut Township, Yangon.
Hot Line : (95-1) 7531100 **Tel :** (95-1) 7538230, 7513987, 7503303, 7502771 **Fax :** (95-1) 7539156
E-mail : sales@kmgrouppmm.com **Website :** www.kmgrouppmm.com

Ahlon Office & Siemens Showroom SB-3, Aung Zeya Housing Complex, Kyee Myin Daing Kanner Road, Ahlon Township, Yangon.
Hot Line : (95-1) 2314155 **Tel :** (95-1) 2314157, 2315206, 2315160
Email : sales-siemens@kmgrouppmm.com

South Dagon Showroom No.18, Pyidaungsu Road, (24) Ward, South Dagon Township, Yangon.
Tel : (95-1) 3590227, 3591306

Factory No.506-508, Mogoke Street, Industrial Zone (1), South Dagon Township, Yangon.
Tel : (95-1) 3590819, 2348198, 2348136, 2348545-48 **Fax :** (95-1) 3590818

Nay Pyi Taw No.147, Thiri Yadana Shopping Complex, Zabu Thiri Tsp; Naypyitaw.
Tel/Fax : (95-67) 3420877, 3421877, 3421899, 3421400, 3421411

Mandalay Room.8, 26th Street, (Bet.78th & 79th Street), Chan Aye Thar Zan Tsp; Mandalay.
Tel : (95-9) 910 29788, 910 29789, (95-2) 4068422 **Tel/Fax :** (95-2) 4068423