MV&LV Swithgear and Divice







together, we empower the Future

PRODUCT CERTIFICATION





TDT 2049-10

TYPE TEST CERTIFICATE OF COMPLETE TYPE TESTS

APPARATUS An air-insulated metal-enclosed switchgear unit, incorporating a three-phase

vacuum circuit-breaker and an earthing switch

DESIGNATION SVIE SERIAL No. D9704-1, D9704-3

Rated voltage 24 kV Rated normal current 1250 A Rated short-circuit current 25 kA Rated frequency 50 Hz

MANUFACTURER TECO Electric & Machinery Co., Ltd.,

SWITCHGEAR Hsinchu County 303, Taiwan

MANUFACTURER Xiamen Huadian Switchgear Co., Ltd., Xiamen, China

CIRCUIT-BREAKER, Xiamer EARTHING SWITCH

TESTED FOR TECO Electric & Machinery Co., Ltd.,

Hsinchu County 303, Taiwan

TESTED BY KEMA HIGH-POWER LABORATORY

Utrechtseweg 310 - 6812 AR Arnhem - The Netherlands

DATE(S) OF TESTS 6 to 23 April 2010

The apparatus, constructed in accordance with the description, drawings and photographs incorporated in this Certificate, has been subjected to the series of proving tests in accordance with

IEC 62271-200 subclauses 6.6 (STC) and 6.101 (Verification of making and breaking).

This Type Test Certificate has been issued by KEMA following exclusively the STL Guides.

The results are shown in the record of Proving Tests and the oscillograms attached hereto. The values obtained and the general performance are considered to comply with the above Standard and to justify the ratings assigned by the manufacturer as listed on pages 4 and 5.

This Certificate applies only to the apparatus tested. The responsibility for conformity of any apparatus having the same designations with that tested rests with the Manufacturer.

This Certificate consists of 57 sheets in total.

This Certificate falls under the scope of the accreditation certificate L 020 of the Dutch Council for Accreditation. See information sheet (page 2).

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KEMA T&D Testing Services

Managing Director

Arnhem, 22 June 2010

KEMA Nederland B.V.

PRODUCT CERTIFICATION



Certified Testing and Accreditation

- KEMA T&D Testing Services Type Test 24 kV SWGR Certified
- TPC Type Test 13.8 kV, 14.4 kV, 23 kV Metal-Clad Switchgear (MCSG) Certified
- TPC Type Test 480 V Power Center Certified
- TPC Type Test 480 V Motor Control Center (MCC) Certified
- TPC Type Test 23 kV Gas-Insulated Switchgear (C-GIS) Certified
- TPC Type Test 23 kV Gas-Insulated Switchgear (C-GIS) Certified
- Xi'an Hi-Power Laboratory (China) Type Test 12 kV Metal-Clad Switchgear Certified
- Taiwan Electric Research & Testing Center Type Test 24 kV Metal-Clad Switchgear Certified
- Taiwan Accreditation Foundation (TAF) Switchgear Laboratory Assessed and Certified
- Taiwan Accreditation Foundation (TAF) Switchgear Laboratory Assessed and Certified
- Certified Manufacturer under Article 401 of the Interior Power Wiring System Rules,
 Bureau of Energy, Ministry of Economic Affairs (R.O.C.)

CONTENTS

1-2	3.6kV-36kV MEDIUM VOLTAGE SWITCHGEAR
3-4	METAL-CLAD SWITCHGEAR UP TO 36kV
5-11	METAL-CLAD SWITCHGEAR SV SERIES (KEMA TYPE TEST)
12-13	MEDIUM VOLTAGE COMBINATION SWITCH.
14-15	LOW VOLTAGE MOTOR CONTROL CENTER H SERIES
16-17	IEC 61439-2 LOW VOLTAGE SWITCHGEAR
18-19	LOW VOLTAGE POWER CENTER
20-24	RING MAIN UNIT AND POLE SWITCH
25-29	MEDZUM-VOLTAGE MAGNETIC CONTACTORS

3.6kV-36kV MEDIUM VOLTAGE SWITCHIGEAR



Through continuous research and improvement in the design of 3.3 kV–36 kV Medium Voltage Receiving-Distributing Switchgears and Panel Boards, we provide optimum safety and a wide range of applications for power plants, factories, public establishments, and buildings. Our designs not only possess a splendid appearance, but also feature high quality and excellent reliability. Our policy of punctual delivery and providing the best service to our customers has enabled TECO switchgears to gain wide acceptance and an excellent reputation.

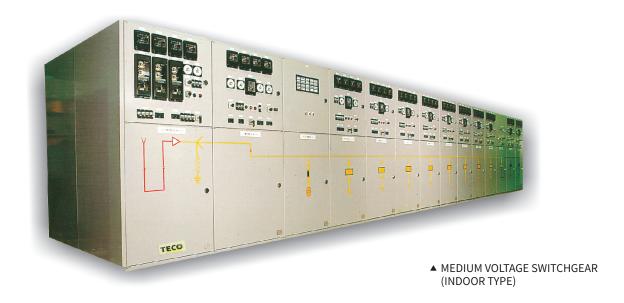


TABLE 1. SPECIFICATION

Items	Standard Specification
Standard	CNS-3990; JEM-1425; IEC 62271-200., ANSI-C37
Service Conditions	 Altitude:MAX. 1000m, High Humidity Atmosphere Ambient Temperature: -5°C~40°C (indoor application)/-20°C~40°C (outdoor application)

3.6kV-36kV MEDIUM VOLTAGE SWITCHIGEAR



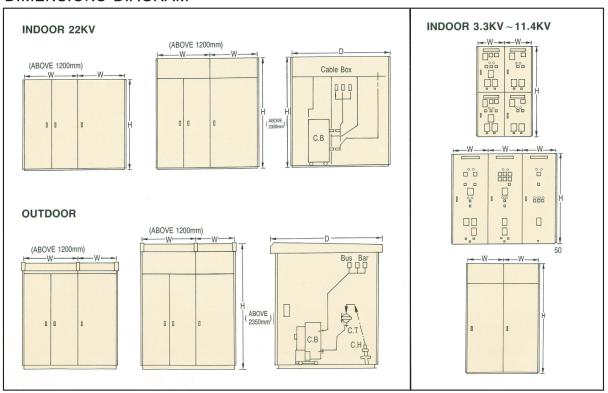
TABLE 2. RATING

Rated Voltage	KV	3.6	7.2	12	24	36		
Rated Frequency	Hz	50/60						
Rated Current	Α	400~3150	400~3150	600~3150	600~2500	600~2500		
Bus Bar Current	Α	600,1000,1200,1600,2000,2500						

TABLE 3. DIMENSIONS

Type		Indo	or Outdoor					
Rated Voltage	3.6KV/7.2KV	12KV	24KV	36KV	3.6KV	12KV	24KV	36KV
Width (W) mm	700,800	900,1000	1000,1200	1500	700,800	900,1000	1000,1200	1500
Height (H) mm	2100,2400	2400,2800	2400	2600	2350,2650	2650	2650	2850
Depth (D) mm	1400,1600	1800,2000	2000,2200	2600	1400,1600	1800,2000	2000,2200	2600

DIMENSIONS DIAGRAM





METAL-CLAD SWITCHGEAR UP TO 36KV



FEATURES

The METAL-CLAD SWITCHGEAR with drawable design covers all the functions needed for a distribution system up to 36 kV with the following choices:

- Complete conformity with the national and international standards and recommendations of the IEC, taking account of UTE-BS-VDE-ANSI.
- Modular assembly by virtue of the adoption of industrial sub-assemblies so ensuring the flexibility as well as the quality of the equipments.
- Internal plugging for withdrawable and self-supporting frame for installation and operation under severe conditions.
- High degree of partitioning.
- Use of fire resistant insulation materials and highly reliable mechanical interlocks.

The cubicle complies with the definition of metal clad equipment having four compartments fitted with:

- a withdrawable circuit breaker on a movable portion and shutters.
- busbars with insulation
- connections for MV cables
- Low Voltage equipment

The continuity of the metallic cladding meets the IP 2X protection. For higher levels of protection, please consult us.

Pressure relief devices are provided for the evacuation of the gases and to limit overpressure in the event of internal ARC fault.

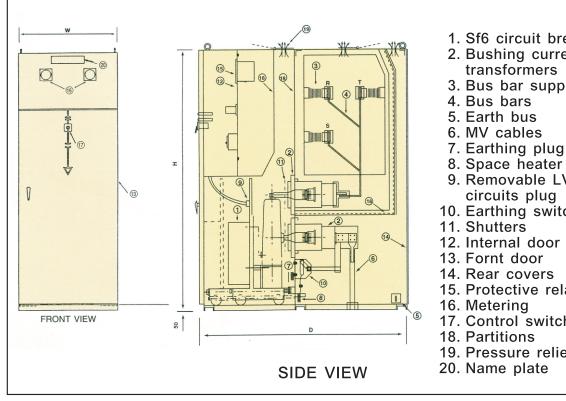
METAL-CLAD SWITCHGEAR UP TO 36kV



GENERAL CHARACTERISTICS OF THE CUBICLE

OLINLINAL CHANACTLINISTIC	3 OF THE CODE	<u> </u>				
Rated voltage	12 kV	24 kV	36 kV			
Rated insulation level • 60 Hz for 1 min • impulse 1.2/50 µs	28 kV rms 75 kVp	50 kV rms 125 kVp	70 kV rms 170 kVp			
Rated currents for an equipment • Circuit breaker • load breaking switch	630,1250,1600,2000,2500 A 400,630 A					
Permissible shot time current (1s or 3s) • root mean square value • peak value	40 kA rms 100 kAp	40 kA rms 100 kAp	31.5 kA rms 80 kAp			
Protection level	IP 3 up to IP 5 on request					
Max.service ambient temperature		40°C				
Height(mm)	2000	2400	2500			
Width(mm)	800	900	1500			
Depth(mm)	1600	1850	2500			

CONSTRUCTION DIAGRAM



- 1. Sf6 circuit breaker
- 2. Bushing current transformers
- 3. Bus bar supports

- 7. Earthing plug
- 9. Removable LV
- circuits plug
- 10. Earthing switch
- 13. Fornt door
- 15. Protective relays
- 17. Control switch
- 19. Pressure relief devices







12/24kV METAL-CLAD SWITCHGEAR SVIE SERIES



Won the KEMA and Taiwan Electric Research & Testing Center type testing certification



KEMA certificate



Taiwan Electric Research & Testing Center certificate

SVIE TYPE

- Conforms to the newest quality standards of the CNS 15156 -200 and IEC 62271-200.
- · esign that can withstandinternal arc to ensure operator safety.
- · The enclosure utilizes galvanized steel sheet for superior rust prevention performance.
- · Standardized design, assembly, and testing to ensure quality stability.
- Complete mechanical interlock design that prevents wrong operation by operators and improves operator protection and safety.
- Four independent compartments to ensure that operators will not accidentally come in contact with other electrified segregated compartments during operations.
- Each of the high voltage compartments have their own independent pressure relief device that can independently release pressure when internal arc occurs.



Busbar compartments



Circuit breaker compartments



Circuit breaker compartment metal shutter



Cable compartments





Technology data

Item		Unit	SVIE-122512-2B	SVIE-242512-2B		
Standards			CNS 15156-200 / IEC 62271-20			
Rated voltage		kV	12	24		
Rated normal current		А	630 \ 1250 \ 2500	630 \ 1250		
Rated frequency		Hz	50 /	60		
Rated power frequency w	vithstand voltage	kV	28	50		
Rated lightning impulse v	withstand voltage	kV	75	125		
Auxiliary circuit power frequ	ency withstand voltage	V	200	00		
	Main circuit	kA	25	5		
Rated short-time withstand current	Earthing circuit	kA	25	5		
	Earthing switch	kA	25	5		
	Main circuit	kA	65			
Rated peak withstand current	Earthing circuit	kA	65			
	Earthing switch	kA	65			
	Main circuit	S	3			
Rated duration of short circuit	Earthing circuit	S	3			
	Earthing switch	S	3			
Internal arc			25kA x 0.5s / Option 1s			
Accessibility type			AFLR			
Loss of service continuity	category		LSC2B			
Partition class			PN	Л		
Dogram of protection	The door close		IP4	łx		
Degree of protection	The door open		IP2x			
Classification of electrical	endurance for earthing	g switch	E1 / Option E2			
Earthing switch mechanic	cal endurance		1000 / Option 2000 1001(Number of operation cycles)			

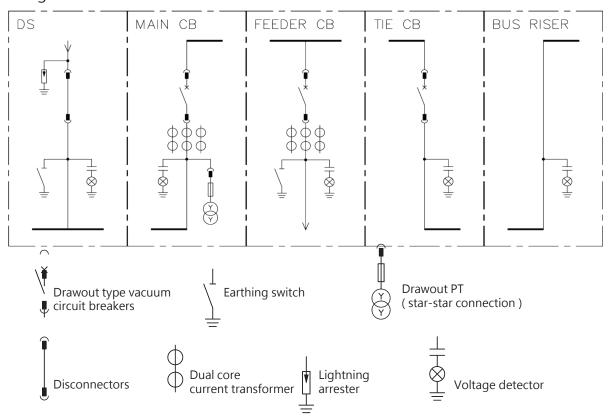
Five preventive mechanical interlocks. The highest safety standard.

- 1. Prevent personnel from entering electrified compartments.
- 2. Prevent operation errors of circuit breakers.
- 3. Prevent earthing switch be closed while electrified.
- 4. Prevent circuit breakers be closed while earthing switch is closed.
- 5. Prevent racking trolley be racked in or out while the circuit breaker is closed.

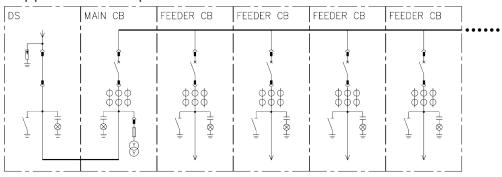
TEC® together, we empower the Future*

12/24kV METAL-CLAD SWITCHGEAR SVIE SERIES

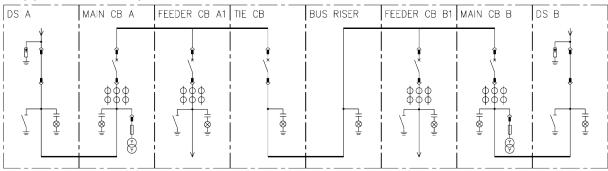
Design solution



Application example 1

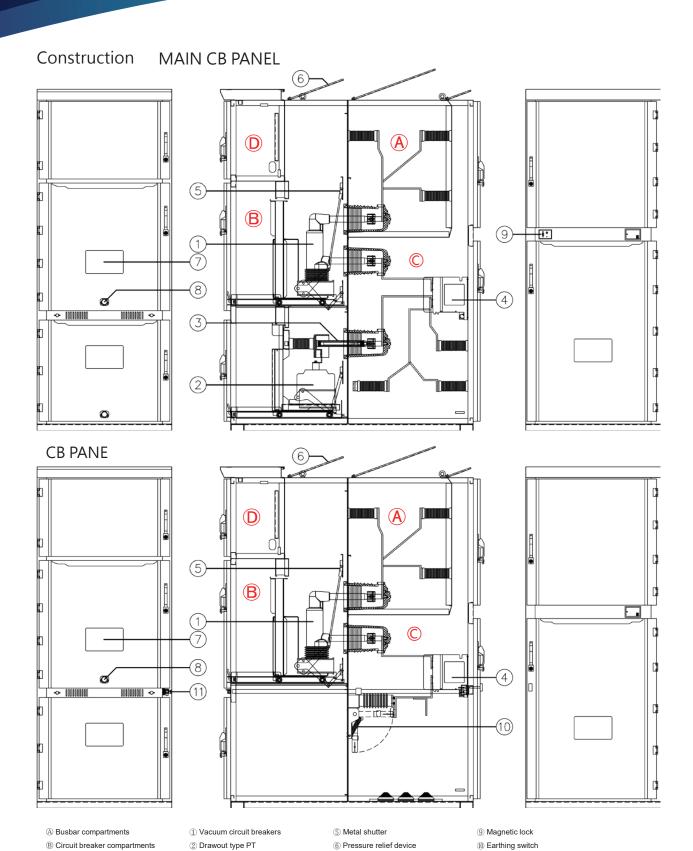


Application example 2



12/24kV METAL-CLAD SWITCHGEAR SVIE SERIES





 $\ensuremath{\textcircled{11}}$ External operating hole for the earthing switch

 $\ensuremath{{\mbox{$7$}}}{\mbox{Explosion proof window}}$

® External operating hole for racking in/out the circuit breaker

© Cable compartments

① Low voltage compartments

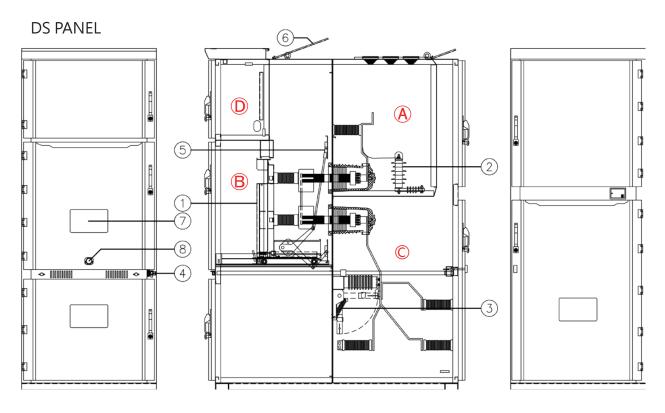
③ Power fuse

4 Current transformer



12/24kV METAL-CLAD SWITCHGEAR SVIE SERIES

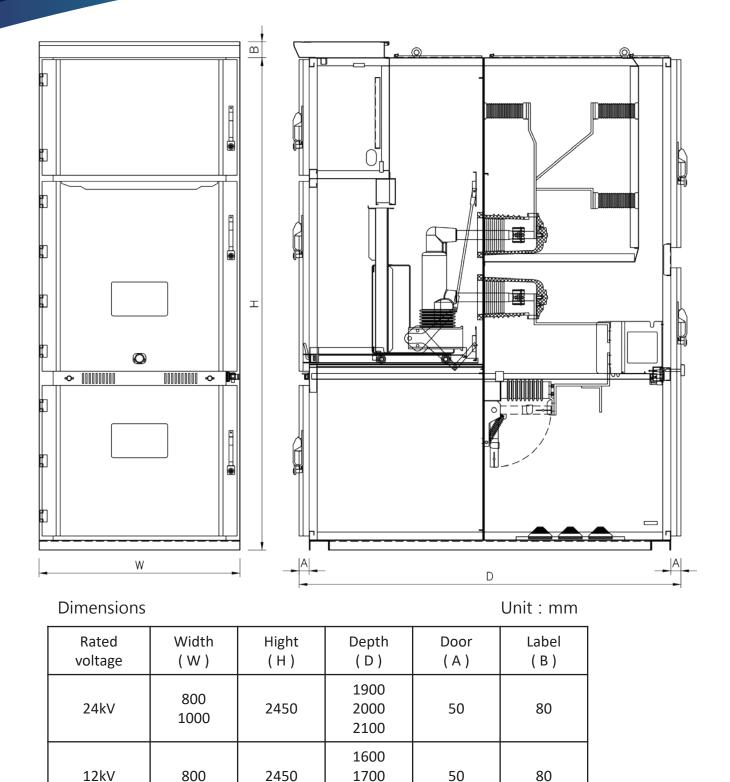
Construction



- A Busbar compartments
- ® Circuit breaker compartments
- © Cable compartments
- ① Low voltage compartments
- ① Disconnectors
- ② Lightning arrester
- $\ \ \, \textbf{ } \\ \textbf{ } \\ \textbf{ } \\ \textbf{ Earthing switch } \\ \\ \textbf{ } \\ \textbf{$
- ④ External operating hole for the earthing switch
- ⑤ Metal shutter
- Pressure relief device
- $\ensuremath{{\mbox{\scriptsize ?}}} \ensuremath{\mbox{\scriptsize ?}} \ensuremath{\mbox{\scriptsize Explosion proof window}}$
- ® External operating hole for the earthing switch



12/24kV METAL-CLAD SWITCHGEAR SVIE SERIES



For other dimension and specifications that are not with the above, please contact us.

1800

MEDIUM VOLTAGE COMBINATION SWITCH



TECO's medium-voltage combination switches have been developed with special emphasis on compactness, light weight, easy maintenance, reliability, efficiency, economy, and reduced production time. They can be stacked up to three-high in the vertical sections. These high-voltage switches incorporate a new total-mold St6 rotary-arc/high-voltage magnetic contactor, which features extra compactness and high operational reliability.

STANDARD



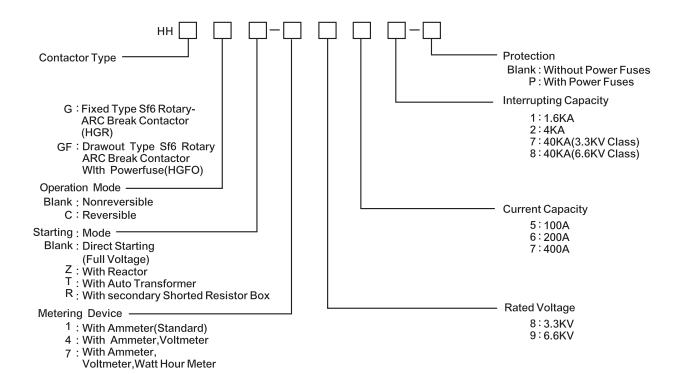
MEDIUM VOLTAGE COMBINATION SWITCH



RATINGS AND SPECIFICATION

Type of Switches				d Type Rotary- mbination Swit			Draw-Out Type Rotary -ARC Combination Switch		
Type of Contactor			Magnetic Rotary-ARC Break Contactor(HGR)			Bre	Magnetic Rotary-ARC Break Contactor(HGR) with Power Fuses		
			HGR-851C	HGR-851C		HGFO-867C HGFO-967C	HGFO-877C HGFO-977C		
Rated Insulation	on voltage	KV	3.6	3.6	/7.2	3.6	3.6	/7.2	
Rated Current		Α	100	200	400	100	200	400	
Rated Freque	псу	Hz		50/60			50/60		
Rated Interrup	ting Current	KA		40			40		
Applicable Po	Applicable Power Fuse A			50,100,160,200,300,400			50,100,160,200,160X2,200X2		
Applicable	Motor	KW	375	750/1500	1500/2000	375	750/1500	1500/2000	
Capacity	Transfomer	KVA	500	1000/1500	2000/3000	500	1000/1500	2000/3000	
(MAX)	Capacitor	KVAR	500	700/1000	1400/2000	500	700/1000	1400/2000	
Ctarting Dec	-4		LZ-8 ———,60,120,180,Sec Ratings(Option)						
Starting Rea	Clors		(50%)-65%-80%-100% Taps,50% Tap is Option						
01 11 4 1			LX-8 LX-8,60,120,180,Sec Ratings(Option)						
Starting Auto	o-Transfom	ier		(50%)-0	65%-80%-100	% Taps,50% Tap is C	Taps,50% Tap is Option		
Dimensions			700	WX2250HX1100E)	700	WX2250HX1600D		
(mm)			Two-Layers Three-Layers						
Painting			Munsell Notation 5Y 7/1						
Rated Busba Horizontal	r Current(A	A) For			600.1000	.1200.1600.2000			

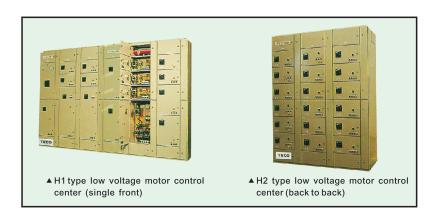
TYPE DESIGNATION OF COMBINATION SWITCHES



LOW VOLTAGE MOTOR CONTROL CENTER H SERIES

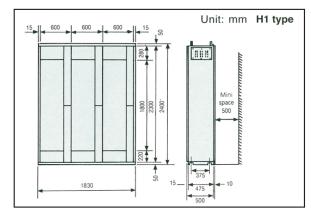


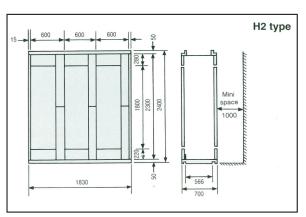
TECO electric H series motor control centers offer an ideal means of quickly providing centralized motor control and other related control equipment. The flexible design system offers high safety, interchangeable, maintenance-free, and flexible combination features to meet customers' different requirements.

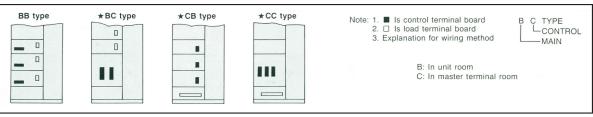


FEATURES:

- Flexible combination can meet different requirements.
- Common standard unit design offer interchangeable and ease insteallation between H1type and H2 type.
- NEMA-B-B type wiring standard can offer an simple and correct connection in jobside.
- New Floating source plug using a new total enclosed reinforce glass fiber frame to offer a high safety, high strength insulation construction, and a special copper alloy connectors provide an excellent connection with auto-align function.
- The operation handle of MCCB has mechanical interlock system with door to prevent the miss-operation.
- The overload relay is available to reset from the outside of door.
- Fixed with a lock-test-DRAWOUT 3 position locket system on each drawout unit.
- The single front and back to back design of cubicle offer a very compact and flexible application on the electrical room.







LOW VOLTAGE MOTOR CONTROL CENTER H SERIES



Reference Standards

- CNS3989 JEM 1195 NEMA ICS 2-322 IEC 60439
- **■** Specifications

Ite	ems	Specification	n		H1 Type	H1 Type				Н2 Туре	
_	Protection		•	Enclosed ty	pe, or Dust-pro	of t	ype)	End	closed type, or Dust-proof type	
Construction	Access front		•	Single fron	t				Bad	ck to back	
truc	Horizontal bush	ar		On the top	On the top						
ons	Vertical busbar			On rear side	of cabinet				On	medium	
S	Unit number			Max 6x300r	Max 6x300mm Max 12x300mm						
	Main insulation voltage			AC 600V							
	Main rated volta	age	•	Under AC 6	00V						
	Control rated vo	oltage	•	AC 110V, 22	20V (• AC 10)0V,	200)V, 3	80V)		
Rating	Freqency		•	50 or 60 HZ							
Rat	Dual or or unrout	Horizontal		600A, 800A, 1000	A, 1200A, 1600A, 2000	A, 250	00A, 3	200A,	600A	, 800A, 1000A, 1200A, 1600A, 2000A, 2500A, 3200A,	
	Busbar current	Vertical		350A, 400A	, 600A				350	A,400A,600A	
	Short time current (0.5 sec)			30,42,50K	A (• 100KA)				30,	42,50KA (• 100KA)	
	Interrupting capacity •			10-50KA (* 100KA)							
	Switching capac	city of contacto	rs	CNS C4084, JEM 1038,IEC60947-4-1							
_	Front door			Independent of each unit							
Door	Rear door			2 Sheets				Ind	Independent of each unit		
	Opening direction	on		Vertical wiring room; Right, Others: Left							
	Main source		•	3\varphi 3W, 3\varphi 4w							
				Тур	e STANDARD	0	PTIO	N	Note	e: BT: Bottom to top	
<u>c</u> e				CONN- -ECTION	1	2	3	4		TD : Top to down	
Source	Connection for e	external wiring	•	Source incon	ning BT	TD	TD	вт			
				Load outgoin	g BT	ВТ	TD	TD			
				Control Wirin	g BT	ВТ	TD	TD			
	Unit construction •			Fixed type Draw-out type (Max 600mm)							
					Draw out		F	Fixed			
Unit	Wiring connecti	on type		Source side	plug						
う Wiring connection type		•	Load side	• Terminal board	┙'	ermi	inal E	oard			
				Control	Terminal board Manual Plug	d					

(• While placing your orders, please confirm the points marked above)

IEC 61439-2 LOW VOLTAGE SWITCHGEAR



Product Features

The Form 4b 100kA switchgear complies with IEC 61439 standards and adopts a high-grade internal separation design. With a 100kA short-circuit withstand capacity, it delivers exceptional safety and system stability.

- Standardized design, assembly, and testing to ensure consistent quality and reliability.
- Independent isolation of busbars and functional units for enhanced operational and maintenance safety.
- Segregation of terminal connections from functional units to strengthen electrical isolation and protection.
- Individually isolated terminal connections for an additional level of safety.



Application Fields

With the rise of AI and cloud computing, demand for highly reliable power systems is rapidly increasing. The Form 4b low-voltage switchgear is primarily applied in data centers and other industries where system stability is critical.

Certifications

Compliant with multiple international standards





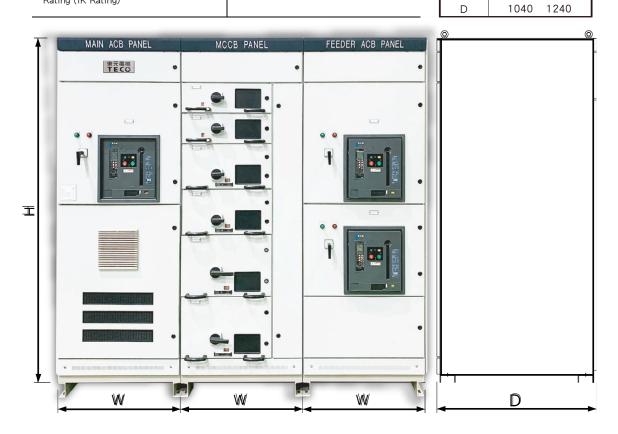


TEC® together, we empower the Future*

IEC 61439-2 LOW VOLTAGE SWITCHGEAR

Specifications

Model	SAIE-480	PRODUCT CERTIFICATION
Standards	IEC 61439-2 CNS 61439-2	■ ISO 9001
Construction Type	Indoor, Vertical,Free-Standing Type	- 130 9001
Rated Insulation Voltage	AC690V AC1000V	. TAF
Rated Power Frequency Withstand Voltage	AC2200V 1min	
Rated Impulse Withstand Voltage	8kV / 12kV (1.2×50μ s)	• ISO 14001
Rated Voltage	AC480V	● ISO 45001
Rated Frequency	50Hz 60Hz	_
Rated Current of Horizontal Busbar	630A~6300A	_
Rated Current of Vertical Busbar	370A~1200A	_
Rated Short-Time Withstand Current	100kA 1sec	
Degree of Protection (IP Rating)	IP40	Dimension Unit mm
		- W 800 1000 1200
Mechanical Impact Protection Rating (IK Rating)	IK10	H 2250
rating (iit rating)		D 1040 1240



LOW VOLTAGE POWER CENTER



TECO Low Voltage Power Center has been successfully developed with the goal of providing co-traders across all sectors with high quality and safety. This low-voltage power control center has satisfactorily passed the type test of Taiwan Power Company and is now being introduced for use in power plants.

FEATURES

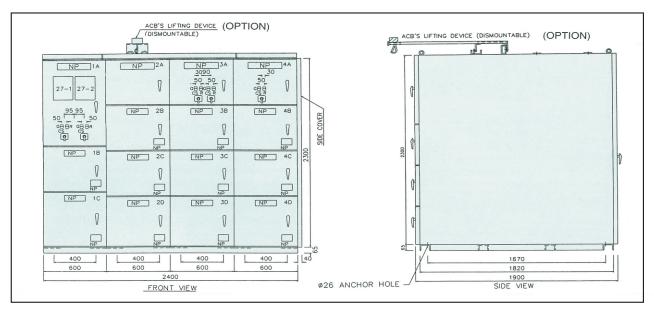
- Power center consists of several sets of air circuit breaker vertical panels and each set of vertical panel is separated with metal partition into three(3) independent rooms. Facing the front of switch gear in the order from front to rear, these independent rooms are divided into three zones, namely, "Air Circuit Breaker Zone", "Bus Bar Zone" and "Cable Zone" "Air Circuit Breaker Zone" is subdivided into four(4) chambers and the highest chamber is "Low Voltage Compart-ment Chamber while the other three(3) chambers are all "Air Circuit Breaker Chamber".
- Every air circuit breaker chamber shall be provided with a handle for open and close of the cubicle door. When the cubicle door is opened, circuit breaker is operated from the front. Also, Operation panel of the circuit breaker is provided with safety shielding thus preventing direct touch of any live part.
- Bus Bar Zone is used for connection of the bus bar of the main circuit with that of the Branch circuit. All the power side and load side terminals are fixed in the bus bar zone and all the fixing and continuity of the bus bar are completed in this bus bar zone.
- Bus bar zone. air circuit breaker zone and the cable zone are all separated with metal plates. When bus bar and it
 components parts are inspected or maintenance, access shall be made from the cable zone in the rear with all
 the metal partition plates removed.
- Junction bus bar which passes through the bus bar zone from the load side of circuit breaker are provided in the cable zone for connection of the cables between circuit breaker and the load. The, terminal board for remote control circuits is provided in the same zone.
- A door with handle shall be provided in the cable zone. A movable shielding plate with proper size transparent, and excellent insulation material shall be provided in the cable zone to prevent touching of the live parts.
- In the power center, all control circuits required for the outside circuits shall be provided with raceways for connecting with the terminal board in cable zone.
- Ventilation shall be provided on the top and bottom of the cubicle rear door for heat dissipation and de-humidity. Also, sufficient ventilation ports shall be provided in the circuit breaker zone, bus bar zone and cable zone for convection and heat dissipation. Cap type ventilation ports with insect proof net shall also be provided at the top of bus bar zone.

RATING:

Standard:	ANSI C3720,JEM1265,IEC 60439,CNS 13542
Rated nsulation Voltage:	AC 600V
Rated Frequency:	50/60HZ
Rated Current:	630~6300A
Rated Short Time With Stand Current:	25KA,42KA,50KA,65KA,1sec

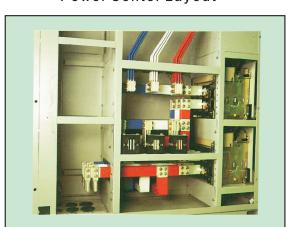
LOW VOLTAGE POWER CENTER







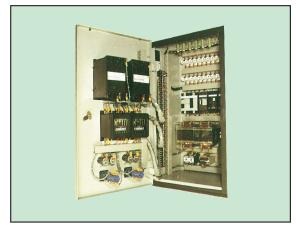
Power Center Layout



ACB Zone . Busbar Zone and Cable Zone



Draw-Out Unit For ACB



Low Voltage Compartment

RING MAIN UNIT / POLE SWITCH



Power Distribution Devices of High Reliability and Free Maintenance

The three-phase, three-wire load break switches manufactured by TECO are available in two installation models: Overhead (Pole-Mounted) and Pad-mounted. The product, developed with SF \boxtimes gas for insulation and arc interruption, achieves optimum reliability, long lifetime, and maintenance-free operation. The operating mechanisms include two types: manual and latch. (The products can also be upgraded step-by-step from manual to latch operation and from FTU systems to DAS systems as customer demands, in order to reduce initial investment cost and increase profitability.) In addition to these advantages, the switch provides safety, reliability, and energy-saving features, contributing to the overall reliability of the power distribution system.

Application

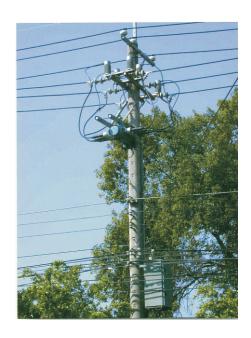
- For distribuation network
- For opening/closing of sections of loop system
- As sectionalisers

Structures

- Weather-proof and anti-corrosion cubicle
- High insulation characteristics
- Excellent arc resistant of multi contacts
- Rotating arc quenching mechanism
- Fast closing and tripping mechanism
- Pressure-release Safety device

Characteristics:

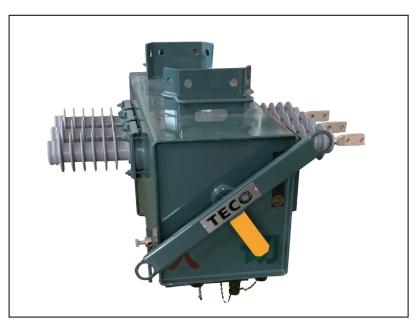
- Small dimensions, light weight Using SF6 gas as the insulating and arc quenching media, the product has the advantages of the small dimensions, low weight and easy installation.
- Excellent arc interruption, long electrical life
- The contacts are developed with multiple touching points and ROTARY-ARC quenching so that the switches have the stability characteristics of closing and interrupting. The arc quenching won t hurt its inner insulation which affects its insulating effects. Especially, the inner has the dryer, which can absorb the bad gas that is decomposed from SF6 at high temperature, it can avoid the insulation being degraded which affects the normal on/off function so this product can achieve high reliability and long electrical life.



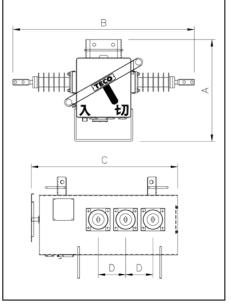




OVERHEAD LINE LOAD BREAK SWITCH (MANUAL TYPE)



Dimensions



Specifications

Туре	LFG	15EH	25EH	
Rated Max. Voltage	kV	15	25.8	
Rated Continuous Current	А	60	0	
Rated Short-time Withstand Current (rms)	kA, 1sec	12	.5	
Rated Peak Withstand Current	kA	31	.5	
Impulse Withstand Voltage(1.2×50µs)	kV	110	150	
Power-Frequency Withstand Voltage	kV , 1min	70		
Electrical endurance	times	1,000		
Mechanical endurance	times	5,000		
Operation Strength	kgf	20~25		
Inter Pressure (at 20°C)	kg/cm2G	0.7		
Weights	kg	85	110	
	А	596.5	606.5	
Dimonoione (mm)	В	1060	1292	
Dimensions (mm)	С	869	1030	
	D	160	270	

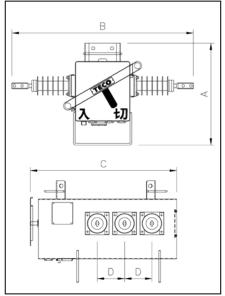
X1. For other specification, please contact us.

TEC® together, we empower the Future

OVERHEAD LINE LOAD BREAK SWITCH (MECHANISM LATCH TYPE)



Dimensions



Specifications

Туре	LFG	15ER	25ER	
Rated Max. Voltage	kV	15	25.8	
Rated Continuous Current	А	60	00	
Rated Short-time Withstand Current (rms)	kA, 1sec	12	2.5	
Rated Peak Withstand Current	kA	31	.5	
Impulse Withstand Voltage (1.2×50µs)	kV	110	150	
Power-Frequency Withstand Voltage	kV [,] 1min	50	70	
Electrical endurance	times	1,000		
Mechanical endurance	times	5,000		
Control Voltage	DC 24V			
Operation Strength	kgf	20~25		
Inter Pressure (at 20°ℂ)	kg/cm2G	0.7		
Weights	kg	115	145	
	А	596.5	606.5	
Dimensions (mm)	В	1060	1292	
	С	969	1130	
	D	160	270	

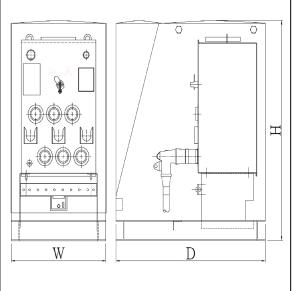
X1.For other specification, please contact us.



Padmounted Load Break Switch (Motor Spring-Energy Charged, Mechanism Latch Type/Manual Type)

Dimensions





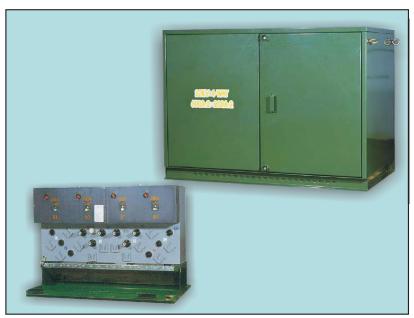
Specifications

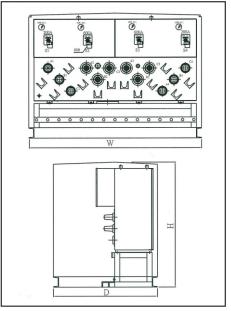
Туре	LSG-□□	22BHGN	22ERGC	
Circuit		Main×1	Main×1	
Rated Max. Voltage	KV	27	27	
Rated Continuous Current	Α	200	600	
Rated Short-timeCurrent (1sec)	KA rms	12.5	12.5	
Rated Making Current	KA peak	31.5	31.5	
Low Frequency Withstand Voltage	KV	60	60	
Rated DC Withstand Voltage	KV	78	78	
Partial Discharge Voltage	KV	19	19	
Impulse Withstand Voltage	KV	125	125	
Current Transformer			600/1A	
Operation Method		Manual	Manual / Electrical	
Inner Pressure kg/cm ² G at 20°C		0.6	0.6	
Weights	Kg	130	150	
Cubic Dimensions (W×H×D) mm		570×1100×900	1000×1200×950	



Padmounted Load Break Switch (Motor Spring-Energy Charged, Mechanism Latch Type/Manual Type)

Dimensions





Specifications

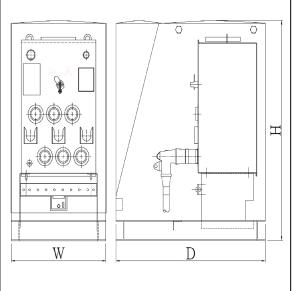
Туре	LSG-	22ERJC		22EHJN	
Circuit		Main×2	Branch×2	Main×2	Branch×2
Rated Max. Voltage	KV	15/27			
Rated Continuous Current	А	600 200 600 200			
Rated Short-timeCurrent (1sec)	KA rms	12.5			
Rated Making Current	KA peak	31.5			
Low Frequency Withstand Voltage	KV	60			
Rated DC Withstand Voltage	KV	78			
Partial Discharge Voltage	KV	19			
Impulse Withstand Voltage	KV	125			
Current Transformer		600/1A	600/1A 200/1A		
Operation Method		Manual/Electrical Manual		nual	
Inner Pressure kg/cm ² G at 20°C		0.5			
Weights Kg		520 490			.90
Cubic Dimensions (W×H×D) mm		1660×1200×1000 1660×1200×1000		00×1000	



Padmounted Load Break Switch (Motor Spring-Energy Charged, Mechanism Latch Type/Manual Type)

Dimensions





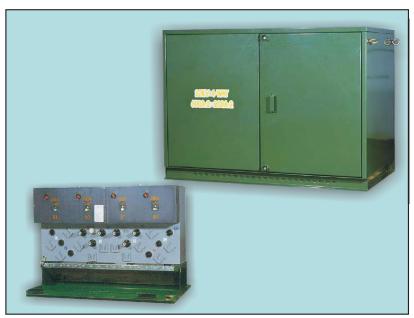
Specifications

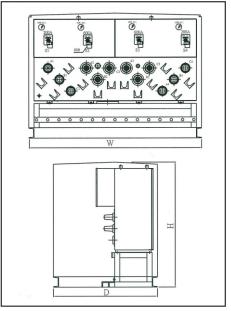
Туре	LSG-□□	22BHGN	22ERGC	
Circuit		Main×1	Main×1	
Rated Max. Voltage	KV	27	27	
Rated Continuous Current	Α	200	600	
Rated Short-timeCurrent (1sec)	KA rms	12.5	12.5	
Rated Making Current	KA peak	31.5	31.5	
Low Frequency Withstand Voltage	KV	60	60	
Rated DC Withstand Voltage	KV	78	78	
Partial Discharge Voltage	KV	19	19	
Impulse Withstand Voltage	KV	125	125	
Current Transformer			600/1A	
Operation Method		Manual	Manual / Electrical	
Inner Pressure kg/cm ² G at 20°C		0.6	0.6	
Weights	Kg	130	150	
Cubic Dimensions (W×H×D) mm		570×1100×900	1000×1200×950	



Padmounted Load Break Switch (Motor Spring-Energy Charged, Mechanism Latch Type/Manual Type)

Dimensions





Specifications

Туре	LSG-	22ERJC		22EHJN	
Circuit		Main×2	Branch×2	Main×2	Branch×2
Rated Max. Voltage	KV	15/27			
Rated Continuous Current	А	600 200 600 200			
Rated Short-timeCurrent (1sec)	KA rms	12.5			
Rated Making Current	KA peak	31.5			
Low Frequency Withstand Voltage	KV	60			
Rated DC Withstand Voltage	KV	78			
Partial Discharge Voltage	KV	19			
Impulse Withstand Voltage	KV	125			
Current Transformer		600/1A	600/1A 200/1A		
Operation Method		Manual/Electrical Manual		nual	
Inner Pressure kg/cm ² G at 20°C		0.5			
Weights Kg		520 490			.90
Cubic Dimensions (W×H×D) mm		1660×1200×1000 1660×1200×1000		00×1000	

Main Global Operations

business to business to sustainability





TECO Electric & Machinery Co., Ltd.

5F, No. 19-9, San Chong Rd., Nan-Gang, Taipei 11501, Taiwan (R.O.C.) Tel 886-2-26553333 ext 3380

