



Form 4b

低壓配電盤

Low Voltage Switchgear

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產品特色 Product Features

Form 4b 100kA 配電盤符合 IEC 61439 標準，採高等級內部分隔設計，具備 100kA 高短路承受能力，提供卓越的安全性與系統穩定性。

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.

- 標準化設計、組裝與測試，確保品質一致性與可靠性
Standardized design, assembly, and testing to ensure consistent quality and reliability.
- 母線與功能單元單獨隔離，提升操作與維護安全性
Independent isolation of busbars and functional units for enhanced operational and maintenance safety.
- 終端接線端子與功能單元組分隔，強化電氣隔離防護
Segregation of terminal connections from functional units to strengthen electrical isolation and protection.
- 終端接線端子獨立隔離，進一步提升安全等級
Individually isolated terminal connections for an additional level of safety.



應用場域 Application Fields

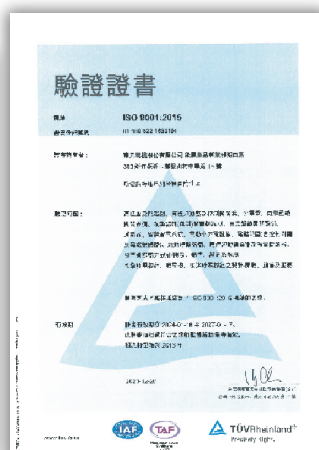
隨著 AI 與雲端運算的興起，對高可靠性電力系統的需求日益增加。Form 4b 低壓配電盤主要應用於資料中心及其他對穩定性要求極高的產業。

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.

認證項目 Certifications

符合多項標準

Compliant with multiple international standards



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規格 Specifications

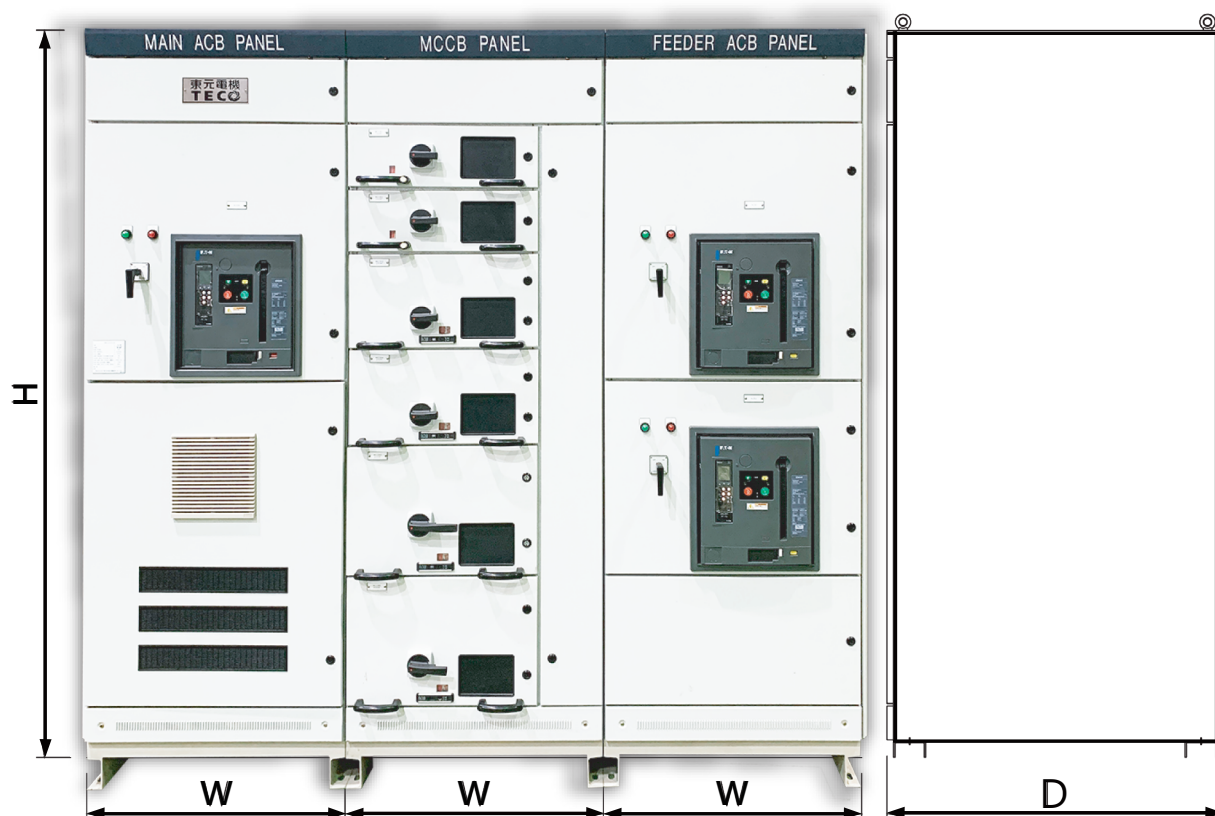
註：規格若有更新變化，恕不另行通知

Note: Specifications are subject to change without prior notice.

型號 Model	SAIE-480	工廠驗證
依據標準 Standards	IEC 61439-2 CNS 61439-2	● ISO 9001
型式 Construction Type	屋內垂直自立型 Indoor, Vertical, Free-Standing Type	
額定絕緣電壓 Rated Insulation Voltage	AC690V AC1000V	● 
額定商頻耐受電壓 Rated Power Frequency Withstand Voltage	AC2200V 1min	
額定衝擊耐受電壓 Rated Impulse Withstand Voltage	8kV / 12kV (1.2×50μs)	● ISO 14001
額定電壓 Rated Voltage	AC480V	● ISO 45001
額定頻率 Rated Frequency	50Hz 60Hz	
水平母線額定電流 Rated Current of Horizontal Busbar	630A~6300A	
垂直母線額定電流 Rated Current of Vertical Busbar	370A~1200A	
額定短時間耐電流 Rated Short-Time Withstand Current	100kA 1sec	
保護等級 Degree of Protection (IP Rating)	IP40	
機械衝擊防護等級 Mechanical Impact Protection Rating (IK Rating)	IK10	

Dimension Unit : mm

W	800、1000、1200
H	2250
D	1040、1240



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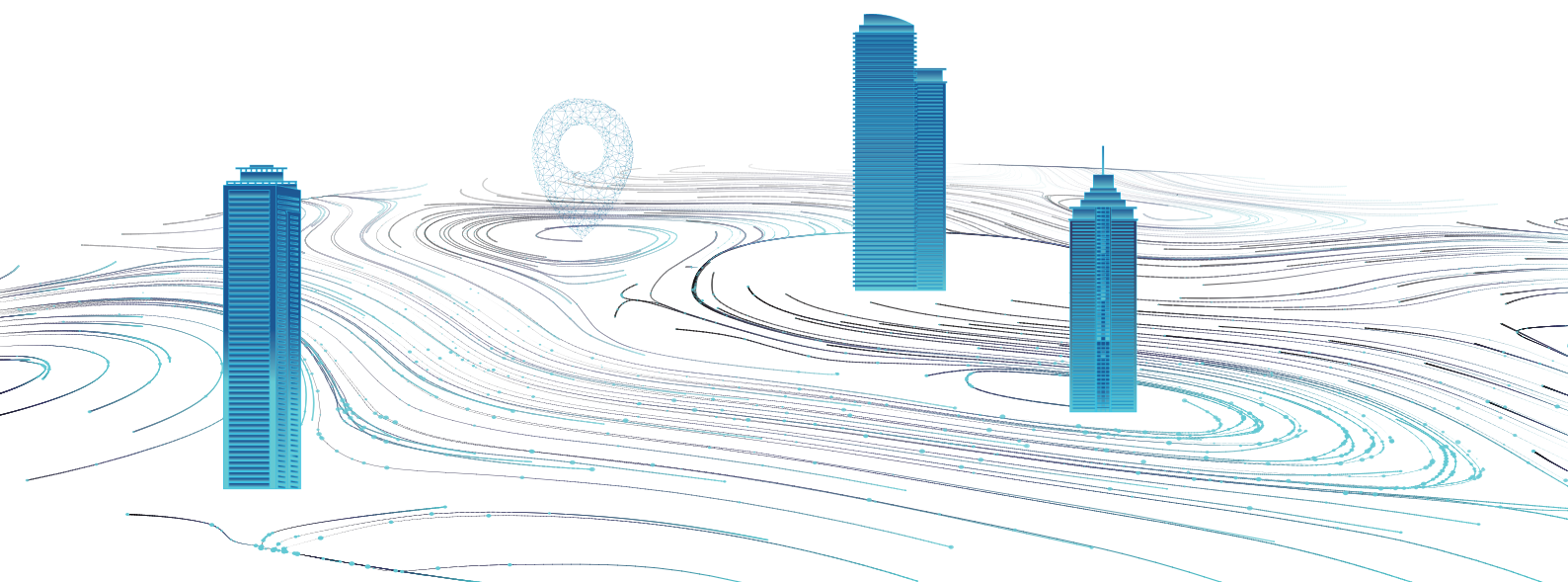
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