EcoStruxure™
Innovation At Every Level

预智新柜　尽享数字未来
Embrace the Digital Future

DIGITAL

新一代BlokSeT预智低压成套设备
BlokSeT Active Low Voltage Switchboard



产品目录 Product Catalog

https://www.se.com/cn

Schneider Electric™
施耐德电气

BlokSeT 低压成套设备

BlokSeT Active Low Voltage Switchboard

擎效全开 迎跑新局

Maximize Efficiency Seize the New Race



高产品力 行业纵深

High Capability Industry Expertise

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BlokSeT

高产品力

高性能参数

安全可靠交付

满足用户现场需求

High Capability

High performance parameters

Safe and reliable delivery

Meet the on-site needs of users





行业纵深

400/690V方案

MCC/iMCC完整方案

适用于MCC行业需求

Industry Vertical

400/690V Solution

MCC/iMCC complete solution

Designed for MCC Applications

BlokSeT 低压开关柜

BlokSeT Active Low Voltage Switchboard





BlokSeT

以高性能和行业纵深作为核心竞争力

High performance and industry depth as core competitiveness

超紧凑

可满足空间紧凑配电室需求

高密度

高密度方案满足各行业需求

易操作

操作方式更便于客户现场安装维护

易维护

方便现场巡检及运维

可扩展

可扩展无线测量及电操应用

数字化

数字盘柜预留接口，实现细分应用场景

Ultra Compact

Can meet the requirements of compact distribution rooms

High Density

High density solutions meet the needs of various industries

Easy to Operate

The operation method is more convenient for customers to install and maintain on site

Easy to Maintain

Convenient on-site inspection and maintenance

Scalable

Supports scalable wireless measurement and motorized operation applications

Digitalization

Reserved interfaces for digital cabinets to achieve segmented application scenarios

BlokSeT综述

BlokSeT Overview



BlokSeT综述
BlokSeT Overview

BlokSeT



以其出色的性能体验、高可靠性品质、完备的方案、优质的智能配电解决方案赢得了国际和国内用户的充分肯定，业绩遍及建筑、工业、能源、基础设施的各个领域，体现了低压成套设备的国际先进水平。

BlokSeT has won full recognition from international and domestic users for its excellent performance experience, high reliability, comprehensive solutions and high-quality intelligent power distribution solutions. Its business covers all fields of construction, industry, energy and infrastructure, and it represents the international advanced level of low voltage switchgear and control device.

出色的性能体验
Outstanding Performance Experience

- 业界出色的电气性能，满足客户各项需求
- 防腐及盐雾环境方案，满足现场严苛环境要求
- EMC电磁兼容性能优良，满足A类、B类环境抗干扰要求
- 高达690V 100kA 0.5s抗燃弧及9度地震烈度，满足现场运维安全及震动环境要求

- Industry- leading electrical performance to meet all customer requirements
- Corrosion protection and salt spray environment solutions to meet harsh on-site environment requirements
- Excellent EMC performance to meet Class A and Class B environment anti-interference requirements
- Up to 690V 100kA 0.5s Ipc arc flash resistance and 9-degree seismic intensity to meet on-site operation and maintenance safety and vibration environment requirements



优秀的业界参数

- 符合国际标准，IEC61439、IEC60529 和 IEC60947
- 满足《CQC3177-2021低压成套开关设备节能认证技术规范》
- 通过GB/T 7251.8-2020《智能型成套设备通用技术要求》认证

Superior Industry Parameters

- Compliant with international standards: IEC61439, IEC60529, and IEC60947
- Meets the requirements of CQC3177-2021 Technical Specification for Energy Saving Certification of Low Voltage Switchgear Assemblies
- Passed the certification of GB/T 7251.8-2020 General Technical Requirements for Intelligent Switchgear Assemblies



强大的抗震性能

- 标准IEC60068-3-3, GB/T 2424.25
- 抵抗地震烈度9度

Strong Anti-Seismic Performance

- Standards: IEC 60068-3-3, GB/T 2424.25
- Resists seismic intensity up to 9 degrees



高级别的燃弧防护

- 标准IEC61641-V3，GB/T 18859-2016
- 耐受高达100kA 0.5s Ipc arc，85kA 0.5s Ip arc

High-Level Anti-Internal Arc Protection

- Standards: IEC61641-V3, GB/T 18859-2016
- Withstands up to 100kA 0.5s Ipc arc and 85kA 0.5s Ip arc



完善的防腐方案

- 标准 IEC60721-3-3
- H_2S、SO_2气体防护
- 石化、采矿、冶金行业

Comprehensive Anti-Corrosion Protection Solutions

- Standard: IEC60721-3-3
- H_2S and SO_2 gas protection
- Suitable for petrochemical, mining and metallurgical industries

BlokSeT综述
BlokSeT Overview

高可靠性品质
High Reliability Quality



- 满足众多国际标准，获得权威机构的专业认证
- 满足国内标准，柜体关键零件满足国家权威机构严苛实验
- 系统采用施耐德电气开关元件，保证良好运行

- Meets numerous international standards and has obtained professional certifications from authoritative institutions
- Meets domestic standards, and key cabinet components have passed strict tests conducted by national authoritative institutions
- The system adopts Schneider Electric switching components to ensure good operation

BlokSeT 是经型式试验验证的可靠产品
BlokSeT is a reliable product verified by type tests

BlokSeT 是符合国际及国内标准的高品质开关柜。产品经过国际权威试验室ASEFA的鉴定，并且定期接受施耐德电气测试试验室的持续检查。

BlokSeT is a high-quality switchgear that complies with international and domestic standards. The product has been appraised by the international authoritative laboratory ASEFA and is subject to regular continuous inspections by Schneider Electric Test Laboratories.

主要型式试验简介
Introduction to Main Type Tests

1

连接线，通电线操作验证：
- 保证机械操作元件的有效性
- 保证导线和电缆布置的准确性
- 直观检查保证防护等级电气间隙和爬电距离

Connection wire and power line operation verification:
- Ensures the effectiveness of mechanical operating components
- Ensures the accuracy of wire and cable arrangement
- Visual inspection ensures the degree of protection, clearances and creepage distances

2

温升极限的验证：对以下危险进行防护
- 烧伤维护人员
- 因误脱扣影响正常运行

Verification of Temperature Rise Limits: Protection against the following hazards
- Burns to maintenance personnel
- Impact on normal operation due to false tripping

3

介电性能验证：对以下危险进行防护
- 产生电弧
- 绝缘体过早老化
- 接触外壳时的触电危险

Verification of Dielectric Performance: Protection against the following hazards
- Arc generation
- Aging reduction of insulators
- Electric shock hazard when contacting the enclosure

4

短路耐受强度验证：运行中供电连续性
- 将产生的电弧控制在开关柜内部
- 接触外壳时没有触电的危险
- 在简单检查后恢复开关柜的运行

Verification of Short-Circuit Withstand Strength: Power supply continuity during operation
- Contains generated arcs inside the enclosure
- No electric shock hazard when contacting the enclosure
- Restores switchgear operation after simple Inspection/check

5

保护电路有效性验证
- 人员接触到开关柜金属部件时的安全性

Verification of Effectiveness of Protective Circuits
- Safety of personnel when contacting metal parts of the switchgear

6

电气间隙和爬电距离验证：开关柜安全性和长时间的使用寿命
- 接触金属部位时没有触电的危险
- 绝缘部位没有漏电流

Verification of Clearances and Creepage Distances: Switchgear safety and long service life
- No electric shock hazard when contacting metal parts
- No leakage current in insulated parts

7

机械操作验证：机械操作机构的寿命
- 在开关装置和可移动、抽出式或可分离式功能单元上进行操作测试

Verification of Mechanical Operation: Service life of mechanical operating mechanisms
- Operation tests are performed on switching devices and movable, drawout or separable functional units

8

防护等级验证：防止人员接触到危险部位，以及防止设备受到外部固态或液态物体的影响
- 内部防护等级
- 外部防护等级

Verification of Degree of Protection: Prevents personnel from contacting hazardous parts and protects equipment from external solid or liquid objects
- Internal degree of protection
- External degree of protection

在发货之前，开关柜都由质量检验部门技术人员在外观、机械和电气方面进行了检查。

Before shipment, all switchgear are inspected by technical personnel of the quality inspection department in terms of appearance, mechanical and electrical aspects.

一直以来，施耐德电气重视完备的低压成套设备质量体系建立，不仅对施耐德电气旗下工厂及授权生产合作伙伴的生产过程有严苛要求，对于确保低压成套设备关键性能的柜体附件也规定了相应的采购要求及履行义务。同时，低压成套设备柜体附件也融合了施耐德电气的品牌价值，施耐德电气的系列商标直接植入物料外观。通过完整型式试验验证，Blok**SeT**满足GB/T 7251.2-2023/IEC 61439-2:2020标准要求，可以为您提供安全可靠的质量保障。物料原材料的选择也注重绿色环保，符合EU REACH法规和EU RoHS认证要求，持续带给您更加优质的产品和体验。

Schneider Electric has always attached great importance to the establishment of a comprehensive quality system for low voltage switchgear. It not only imposes strict requirements on the production processes of its own factories and licensed manufacturing partners, but also specifies corresponding procurement requirements and performance obligations for cabinet accessories that ensure the key performance of low voltage switchgear. At the same time, the cabinet accessories of low voltage switchgear also integrate Schneider Electric's brand value, and Schneider Electric's series of trademarks are integrated into the product appearance. Verified by complete type tests, Blok**SeT** meets the requirements of GB/T 7251.2-2023/IEC 61439-2:2020 standard and can provide you with safe and reliable quality assurance. The selection of raw materials also focuses on green environmental protection, complies with EU REACH Regulation and EU RoHS certification requirements, and continuously brings you higher-quality products and experiences.

绝缘类物料示例说明*：
Examples of Insulation Materials*:




705658C 梳形母线绝缘块
705658C Busbar Insulator




25278007C 35mm高M8绝缘子
25278007C 35mm High M8 Insulator




87325C 母排支架DBA70
87325C Busbar Support DBA70

接插件类物料示例说明*：
Examples of Connector Materials*:




87364C 3P 250A进线插头
87364C 3P 250A Incoming Clamp




GH100706C 10芯 辅助接点插头
GH100706C 10-Pin Male Auxiliary Connector

GH100707C 10芯 辅助接点插座
GH100707C 10-Pin Female Auxiliary Connector

* 完整物料清单请与施耐德电气市场部联系。
* For the complete list of materials, please contact Schneider-Electric Marketing Department.

BlokSeT综述
BlokSeT Overview

方案完备
Comprehensive Solutions

多功能系列
Multi-functional Series

- D型：固定式配电柜
- Da型：双电源柜
- Dc型：功率因数补偿柜
- Mx型：抽屉柜/抽屉混装柜
- Ms型：变频和软起动柜
- Dp型：有源滤波柜

- Type D: Fixed Switchgear Cabinet
- Type Da: Dual Power Supply Cabinet
- Type Dc: Power Factor Correction Cabinet
- Type Mx: Drawout Cabinet/ Mixed Drawout Cabinet
- Type Ms: Variable Frequency Drive and Soft Starter Cabinet
- Type Dp: Active Power Filter Cabinet



模块化系统
Modular System

- 标准化的元件
- 快速制造
- 易于修改

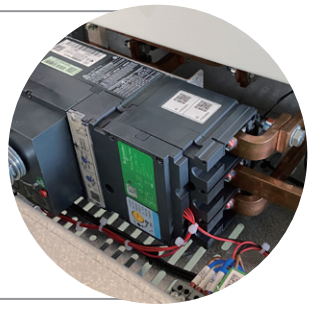
- Standardized Components
- Fast manufacturing
- Easy modification



功能性设计
Functional Design

- 合理化的尺寸和内部布置
- 减少占地面积
- 简便的主电路和辅助电路连接
- 易于安装，升级成本得到控制

- Rationalized dimensions and internal layout
- Reduced floor space
- Simple main circuit and auxiliary circuit connections
- Easy installation with controlled upgrade costs



智能互联
Intelligent Interconnection

- 预智互联 让成套设备能自如沟通
- 多重测量 使成套设备可自主感知
- 轻简数字体验 通过软件助力协作，让系统主动思考

- Pre-integrated intelligent connectivity enables seamless communication between switchgear assemblies
- Multiple measurements enable autonomous perception of switchgear assemblies
- Simplified digital experience facilitates collaboration through software and enable proactive system intelligence

SI (服务指数)*
SI (Service Index)

开关柜必须能够提供的功能
Essential Functions of Switchgear

该应用的服务连续性
Service Continuity

该应用的服务连续性 Service Continuity	操作 Operation 设置 锁定 挂锁 Settings Lock Padlock	维护 Maintenance 检查 清洁 维修 Inspection Cleaning Repair	升级 Upgrade 添加 改造 扩充 Add Transform Expand
1 不需要 No need	整个开关柜断电 De-energize the entire switchgear.	整个开关柜断电 De-energize the entire switchgear.	整个开关柜断电 De-energize the entire switchgear.
2 需要 need	仅相关的功能单元断电 De-energize only the associated functional units.	仅相关的功能单元断电，重新安装时需连接电缆 Only the associated units are de-energized, requiring cable reconnection upon reinstall.	在预留的备用插槽中添加功能单元 Install the functional units into the reserved spare slots.
3 必要 Necessary	仅相关的功能单元断电，试验位置带电 De-energize the functional units only, ensuring the test position stays energized.	仅相关的功能单元断电，无需连接电缆 Only the associated units are de-energized, no cable reconnection is required.	无需断电即可添加功能单元，在未安装的备用插槽中自由添加功能单元 Support hot-plug addition of functional units into any available spare slot.

示例 Example

确定开关柜上机械挂锁或电子上锁的影响：
Determine the impact of applying mechanical padlocks or electronic locks on the switchgear:

确定开关柜能否满足维护需求：
Determine if the switchgear can meet maintenance requirements:

确定开关柜未来能否升级：
Determine the feasibility of future upgrades for the switchgear:

操作 Operation

使用该操作仅关闭相关的功能单元
De-energize only the associated functional units.

2

使用该操作仅关闭相关的功能单元
De-energize only the associated functional units.

2

使用该操作仅关闭相关的功能单元，但是允许自动化控制系统测试，能够在放回原位置运行前，全面测试功能单元。
Using this operation only turns off the related functional units, but allows automated control system testing, so you can fully test the functional units before putting them back in place.

3

维护 Maintenance

需对开关柜断电(更换插入式断路器底座或固定式断路器)
De-energize the entire switchgear. (To replace the plug-in circuit breaker base or the fixed circuit breaker.)

1

维护操作仅限于相关的功能单元。无需断电即可更换。(仅限更换插入式断路器本体)
Only the associated units are de-energized. (For the plugin circuit breaker module only)

3

维护操作仅限于相关的功能单元。无需断电即可更换。
Only the associated units are de-energized.

3

升级 Upgrade

需对开关柜断电
De-energize the entire switchgear.

1

需对开关柜断电
De-energize the entire switchgear.

1

无需断电的情况下添加任何功能单元（电机控制或保护）。此功能单元添加在柜子未安装设备处，并在制造商规定的限度内。
Add any functional unit (motor control or protection) without cutting off power. This functional unit is added where the cabinet doesn't have equipment installed, and within the limits set by the manufacturer.

3



或 or

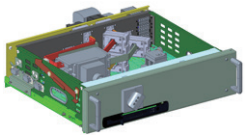


插入式断路器 Plug-in circuit breaker

固定式断路器 Fixed Circuit Breaker



插入式断路器 Plug-in circuit breaker



抽出式功能单元 Pull-out functional unit

BlokSeT综述
BlokSeT Overview

Ecoreal系列软件 • 高效率新工具
Ecoreal Series Software: • High-Efficiency New Tool



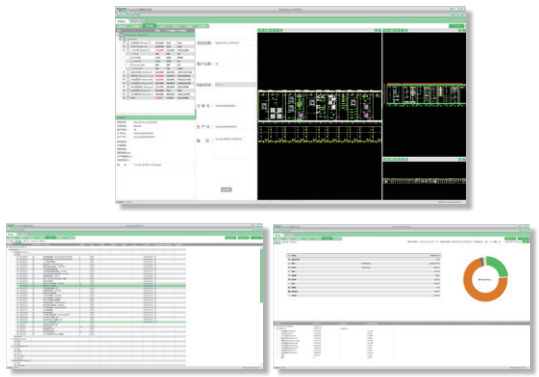
Ecoreal成套柜体设计软件
Ecoreal Switchboard Cabinet Design Software

Ecoreal成套柜体设计软件是施耐德电气为设计院用户开发的设计辅助工具，帮助用户轻松快速完成单线图上的机柜标注。软件具有以下功能和特点：

- 与施耐德电气易选通集成；
- 自动完成单线图上的机柜标注；
- 标注内容包括：
  - 柜型
  - 机柜尺寸
  - 功能单元模数
- 自动绘制排列图；
- 针对施耐德电气低压成套柜型

Ecoreal Switchgear Cabinet Design Software is a design auxiliary tool developed by Schneider Electric for design institute users. It helps users easily and quickly complete cabinet labeling on single-line diagrams. The software has the following functions and features:

- Integrated with Schneider Electric Smart Selector
- Automatically completes cabinet labeling on single-line diagrams
- Labeling content includes:
  - Cabinet type
  - Cabinet dimensions
  - Functional unit module number
- Automatically generates layout diagrams
- For Schneider Electric low voltage switchgear cabinet types



Ecoreal XL成套设计软件
Ecoreal XL Switchboard Design Software

Ecoreal XL成套设计软件是施耐德电气为授权成套厂用户开发的成套柜报价及设计软件，通过构建项目全生命周期管理平台，为成套厂用户提供便捷而高效的项目协作平台，不仅提高单个用户的的工作效率，也为成套厂的内部协作，以及施耐德电气与成套厂之间的合作提供了新的方式。软件的功能和特点如下：

- 软件功能覆盖成套厂项目报价-设计-生产过程；
- 双击单线图自动添加回路；
- 自动推荐柜型并分柜；
- 自动生成报价
- 折扣设定及铜排和自制件价格管理
- 自动生成技术文档
- 图形界面拖动操作改变柜面布置，全设计过程实时联动
- 自动计算模数、电流，实时监控
- 生产BOM及分类BOM输出
- 支持创建非标方案数据库
- 图纸查询功能
- 支持多个机柜系统选型
- 在线TTF库：支持在线下载，并在软件端弹出更新提示

Ecoreal XL Switchgear Design Software is a switchgear quotation and design software developed by Schneider Electric for authorized switchgear manufacturers. It builds a project full lifecycle management platform and provides a convenient and efficient project collaboration platform for switchgear manufacturers. It not only improves the productivity of individual users, but also provides a new way for internal collaboration within switchgear manufacturers and cooperation between Schneider Electric and switchgear manufacturers. The functions and features of the software are as follows:

- Software functions cover the quotation - design - process of switchgear projects
- Double-click a single-line diagram to automatically add circuits
- Automatically recommends cabinet types and splits cabinets
- Automatically generates quotations
- Discount setting and copper bar and self-made parts price management
- Automatically generates technical documents
- Drag-and-drop operation on the graphical interface changes the cabinet front layout, with real-time linkage throughout the design process
- Automatically calculates module numbers and currents, with real-time monitoring
- Production BOM and classified BOM output
- Supports creation of non-standard solution databases
- Drawing query function
- Supports selection of multiple cabinet systems
- Online TTF Library: Supports online download and pops up update prompts on the software side



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Technical Performance and Solution Introduction

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Technical Features

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Solution Introduction

技术性能及方案介绍
Technical Performance and Solution Introduction

技术数据表
Technical Data Sheet

一般数据 General Data		
应用场合 Application Scenarios		配电 Power distribution
		电动机控制 Motor control
IS (运行维护指数) IS (Operation and Maintenance Index)		211到333 211 to 333
参照标准 Reference Standards		IEC 60529 IEC 61439-1/2 IEC 61641 GB/T 7251.1/2 GB/T 7251.8 GB/T 18859 GB/T 2424.25
气候耐受力 Climate Resistance	湿热耐受能力 Damp heat resistance	IEC 60068-2-30
	干热耐受能力 Dry heat resistance	IEC 60068-2-2
	低温耐受能力 Low temperature resistance	IEC 60068-2-1
	盐雾耐受能力 Salt spray resistance	IEC 60068-2-11
安装地点 Installation Location		室内 Indoor
使用环境温度(°C) Operating Ambient Temperature (°C)		-5 ~ 40
使用环境湿度(40 °C) Operating Ambient Humidity (at 40°C)		≤ 57%
允许存储温度(°C) Permissible Storage Temperature (°C)		-25~70
环境 Environment Class		2 类 Class 2
机械数据 Mechanical Data		
电缆进出 Cable Entry and Exit		顶部/底部 Top/Bottom
接线方式 Wiring Method		前面*/后面 Front Wiring*/Rear Wiring
防护等级 Degree of Protection		IP20~54
隔离形式 Forms of Separation		1/2b/3a/3b/4b
连接形式 Connection Types		FFF/WWW
尺寸 (mm) Dimensions (mm)	高度 Height	2200*
	宽度 Width	400/600/700/800/900/1000/1100/1200/1300/1400/1600
	深度 Depth	600/1000
每台平均重量 Average Weight per Unit		650 kg
外壳 Enclosure		环氧树脂粉末喷涂> 50μ Epoxy resin powder coating > 50μm
外壳颜色 Enclosure Color		RAL9003/RAL7016

* 具体方案请与施耐德电气市场部联系
* For specific solutions, please contact Schneider-Electric Marketing Department

电气数据 Electrical Data		
额定绝缘电压 (Ui) Rated Insulation Voltage (Ui)		1000 V
额定工作电压 (Ue) Rated Operational Voltage (Ue)		400/690*V AC
额定频率 (F) Rated Frequency (F)		50/60 Hz
额定冲击电压 (Uimp) Rated Impulse Voltage (Uimp)		12 kV
额定辅助电路电压 Rated Auxiliary Circuit Voltage		230 V AC max.
过压等级 Overvoltage Category		IV
污染等级 Pollution Degree		3
水平母线额定值 Horizontal Busbar Ratings		最大到7000A Up to 7000 A
垂直母线额定值 Vertical Busbar Ratings		最大到3200A Up to 3200A
水平母线 Horizontal Busbars	额定短时耐受电流 (Icw/1s) Rated Short-Time Withstand Current (Icw/1s)	30/50/65/80/100 kA
	额定峰值耐受电流 (Ipk) Rated Peak Withstand Current (Ipk)	63/105/143/176/220 kA
垂直母线 Vertical Busbar	额定短时耐受电流 (Icw/1s) Rated Short-Time Withstand Current (Icw/1s)	30/50/65/70/80 kA
	额定峰值耐受电流 (Ipk) Rated Peak Withstand Current (Ipk)	63/105/143/154/176 kA
内燃弧人身保护 IEC 61641 V3 Internal Arc Flash Personnel Protection (IEC 61641 V3)		100kA 0.5s ($I_{pc\ arc}$), 85kA 0.5s ($I_{p\ arc}$)
抗震能力可达 GB/T2424.25 Seismic Capacity (Compliant with GB/T 2424.25)		地震烈度9度 Seismic intensity of 9 degrees
接地系统 Earthing Systems		TT / IT / TN-S / TN-C
最大进出线开关 Maximum Incoming/Outgoing Switch		6300 A
最大电动机容量 Maximum Motor Capacity		250 kW

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外壳
Enclosure

BlokSeT可根据要求提供不同的外壳防护等级，IP20-IP54。

柜体外壳采用环氧树脂粉末喷涂，标准颜色为信号白RAL9003，通风挡板为深灰色RAL7016。

所有金属结构非带电部分均可靠接地，并有明显接地标志，保证操作人员安全。

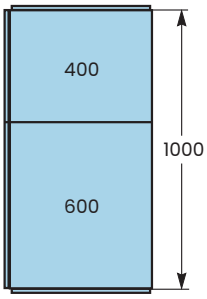
BlokSeT is available in different enclosure degrees of protection from IP20 to IP54 upon request.

The cabinet enclosure adopts epoxy resin powder coating. The standard color is signal white RAL9003, and the ventilation baffles are dark gray RAL7016.

All non-live parts of metal structures are reliably earthed with clear earthing marks to ensure operator safety.

框架
Frame

BlokSeT的框架由标准预制构件组装而成，带有预置间隔模数孔，BlokSeT的标准模数1M=50mm，通过不同尺寸框架组合，构成多种宽度和深度的开关柜。主结构采用拼装方式，并保证在正常运输、仓储、安装条件下不会发生任何变形。



深度及宽度

BlokSeT 系列开关柜通过基本框架和扩展框架的组合，可以构成多种深度和宽度的开关柜。

基本框架可有 2 种深度

- 600mm
- 1000mm
- 600mm深的框架的是较为常用的基本框架。可以在600mm深的基本框架基础上增加一个400mm的深度扩展来实现1000mm的深度，这种框架常用于后出线的情况。

基本框架可有多种宽度

- D型(400mm，600mm，700mm，1000mm，1200mm)
- Mx 型(600mm)
- Dc 型(600mm，800mm)
- Dp 型(600mm)
- Da 型(700mm，800mm)
- Ms 型(600mm，1200mm)
- 根据需要，可在柜架两侧增加扩展柜 (200至400mm)。

The frame of BlokSeT is assembled from standard prefabricated components with pre-drilled modular holes. The standard module of BlokSeT is 1M = 50 mm. Combinations of frames with different dimensions form switchgear cabinets of various widths and depths. The main structure adopts an assembly method and ensures no deformation occurs under normal transportation, storage and installation conditions.

Depth and Width

The BlokSeT series switchgear cabinets can be configured in various depths and widths through combinations of basic frames and extension frames.

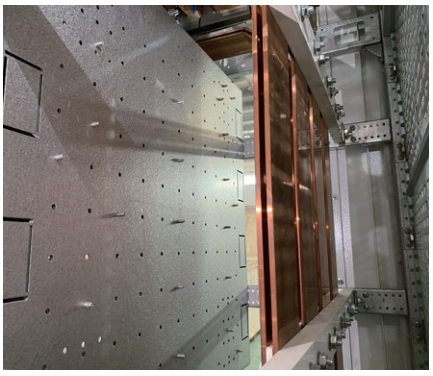
Basic Frame Depths (2 options)

- 600mm
- 1000mm
- The 600mm deep frame is the more commonly used basic frame. A 400mm depth extension can be added to the 600mm basic frame to achieve a 1000mm depth. This frame type is typically used for rear wiring applications.

Basic Frame Widths (multiple options)

- Type D: 400mm, 600mm, 700mm, 1000mm, 1200mm
- Type Mx: 600mm
- Type Dc: 600mm, 800mm
- Type Dp: 600mm
- Type Da: 700mm, 800mm
- Type Ms: 600mm, 1200mm
- Side extension cabinet (200mm to 400mm) can be added to both sides of the cabinet frame as required.

PE56125



1

PE56126



2

内部隔室
Internal Compartments

说明：

BlokSeT 开关柜的基本框架由标准预制构件组装而成。这些构件有多种规格，可以组装成不同尺寸的框架。

开关柜由四个各不相同的隔室组成，分别是：

1 母线室
2 元件室
3 出线电缆室
4 辅件室

框架结构可分为母线室、元件室、电缆室。

主母线和配电母线布置在母线室中。

开关元件如断路器、接触器、变频器、电容器等安装在元件室中。

进出线电缆、功能单元之间的连接线及附件可放置于电缆室中。

柜内结构严格区分为元件区、母线区、接线区、仪表区，各区之间采用金属隔板进行隔离。

Description:

The basic frame of BlokSeT switchgear cabinets is assembled from standard prefabricated components. These components are available in multiple specifications and can be assembled into frames of different dimensions.

The switchgear cabinet consists of four distinct compartments:

1 Busbar compartment
2 Device compartment
3 Outgoing cable compartment
4 Accessory compartment

The frame structure can be divided into busbar compartment, device compartment and cable compartment.

Main busbars and distribution busbars are arranged in the busbar compartment.

Switching devices such as Circuit Breakers, Contactors, variable frequency drives and capacitors are installed in the device compartment.

Incoming and outgoing cables, connecting wires between functional units and accessories can be placed in the cable compartment.

The internal structure of the cabinet is strictly divided into device area, busbar area, wiring area and instrument area. Metal partitions are used for separation between each area.

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功能单元
Functional Units

在开关柜中，开关元件装在安装板上。安装板和开关元件的组合称为功能单元。

在 IEC 61439-1/2 标准中将功能单元定义为由同一功能的所有电气设备和机械部件组成的低压开关装置和控制装置的一部分。功能单元的高度由它所占据的 50mm 模数的数量来确定。

一个开关柜包含 40 个模数，每个模数高 50mm。

电气开关元件的选择和布置遵循一套严密的方法，该方法可以保证设计开关柜时避免发生错误。

每个功能单元均安装在带有门机械闭锁的单独隔室内，且所有带电导体部分均使用金属/绝缘材料分别进行隔离。

柜内有机械连锁，保证在开关合闸情况下，柜门不能打开。

In the switchgear cabinet, switching devices are mounted on mounting plates. The combination of a mounting plate and switching devices is called a functional unit.

The IEC 61439-1/2 standard defines a functional unit as a part of low-voltage switchgear and control device that consist of all electrical and mechanical components serving the same function. The height of a functional unit is determined by the number of 50mm modules it occupies.

One switchgear cabinet contains 40 modules, each with a height of 50mm.

The selection and arrangement of electrical switching devices follow a rigorous methodology that prevents errors during switchgear design.

Each functional unit is installed in a separate compartment with a door mechanical interlock. All live conductor parts are individually isolated with metal/insulating materials.

A mechanical interlock is provided inside the cabinet to prevent the cabinet door from being opened when the switch is in the closed position.

Mx 型

将所需的开关元件安装在开关柜一个抽屉中，可以保证快速可靠的维护和维修。

有效安装高度为40个模数，水平母线需占用一定的模数。

抽屉基本模数为2M,2.5M(4M/2),3M,4M,6M,8M,9M。安装在抽屉中的电动机容量不超过250kW。

Type Mx

The required switching devices are installed in a drawer of the switchgear cabinet to ensure fast and reliable maintenance and repair.

The effective installation height is 40 modules. The horizontal busbars occupy a certain number of modules.

The basic drawer modules are 2M, 2.5(4M/2), 3M, 4M, 6M, 8M and 9M. The motor capacity installed in a drawer shall not exceed 250kW.



摇进摇出式功能单元组成

- 一个手摇机构
- 一套机械联锁
- 一套限位导轨
- 主回路连接触头，辅助回路连接触头，微动开关(可选)， RJ45通讯触头(可选)

Composition of hand cracking Drawer Unit

- One hand cracking mechanism
- One set of mechanical interlocks
- One set of limit guide rails
- Main circuit connection contacts, auxiliary circuit connection contacts, micro switch (optional), RJ45 communication contacts (optional)



可抽出式单元组成

- 一个位置显示
- 一套机械连锁
- 一套限位导轨
- 主回路连接触头，辅助回路连接触头，微动开关(可选)， RJ45通讯触头(可选)

每个摇进摇出、或可抽出式功能单元由一个支撑设备的移动部分(抽屉)、一个支撑移动部分起定位作用的固定部分组成。可以稳定可靠实现移动部分(抽屉)在连接、测试、断开位置之间的切换。并且根据客户需求可以实现挂锁。

Composition of Pull-out Drawer Unit

- One position indicator
- One set of mechanical interlocks
- One set of limit guide rails
- Main circuit connection contacts, auxiliary circuit connection contacts, micro switch (optional), RJ45 communication contacts (optional)

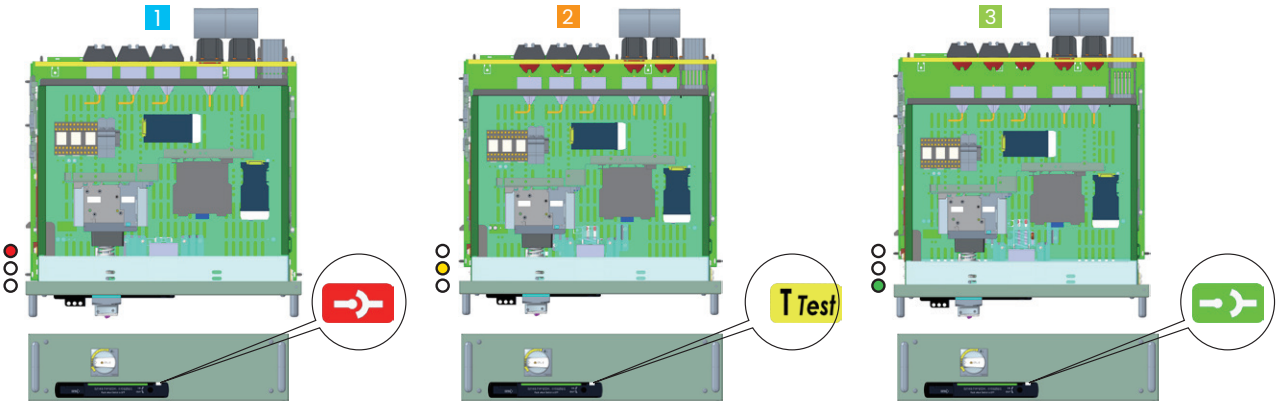
Each rack-in/rack-out or drawout functional unit consists of a movable part (drawer) that supports the equipment and a fixed part that positions the movable part. The movable part (drawer) can be switched stably and reliably between connected, test and disconnected positions. Padlocking can be implemented according to customer requirements.

安全性

抽屉符合国际标准IEC 61439-1/2，该标准对抽屉的抽出和锁定系统进行了规范定义。

Safety

Drawers comply with the international standard IEC 61439-1/2, which specifies requirements for drawer withdrawal and locking systems.



1) 连接位置

一次和二次回路全部连接。

1) Connected Position

Both primary and secondary circuits are fully connected.

2) 测试位置

一次回路断开(进线和出线)，二次回路仍然 连接。

2) Test Position

The primary circuit is disconnected (incoming and outgoing), while the secondary circuit remains connected.

3) 断开位置

所有回路都断开至隔离距离。

3) Disconnected Position

All circuits are disconnected to isolation distance.

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固定式功能单元 —— BlokSeT D 型，Da 型和 Ms 型
Fixed Functional Units —— BlokSeT Type D, Type Da, and Type Ms

PE56129



BlokSeT D 型
BlokSeT Type D

PE56130



BlokSeT D型
BlokSeT Type D

- Masterpact 断路器的安装

Masterpact 断路器安装在安装板上，可有两种型式：

- 固定式
- 抽出式

- 其他开关元件的安装

断路器、接触器，热继电器，WOTPC自动转换开关，变频器和软起动器安装在安装板上。

垂直安装的断路器可有 3 种型式：

- 固定式
- 插入式
- 抽出式

- 所有断路器均可以实现

- 门后安装
- 穿门安装

- Installation of Masterpact Circuit Breakers

Masterpact Circuit Breakers are mounted on mounting plates and are available in two types:

- Fixed type
- Drawout type

- Installation of Other Switching Devices

Circuit Breakers, Contactors, thermal relays, WOTPC Automatic Transfer Switches, variable frequency drives and soft starters are mounted on mounting plates.

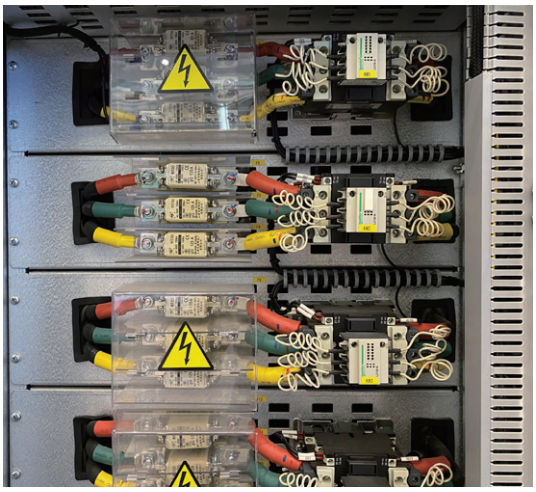
Vertically mounted Circuit Breakers are available in three types:

- Fixed type
- Plug-in type
- Drawout type

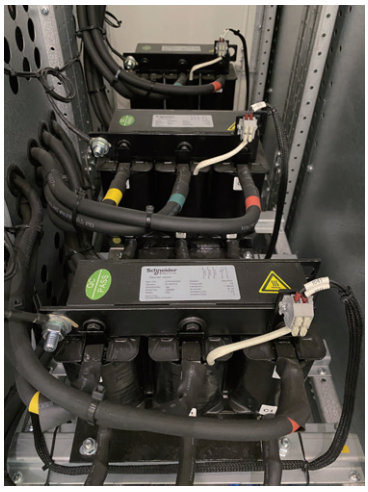
- All Circuit Breakers can be installed in the following ways:

- Behind-the-door installation
- Through-the-door installation

无功补偿柜 —— BlokSeT Dc 型
Power Factor Correction Cabinet —— BlokSeT Type Dc



BlokSeT Dc 型
BlokSeT Type Dc



BlokSeT Dc 型
BlokSeT Type Dc

功率因数补偿设备安装在 600mm 宽的开关柜中，它包括：

- 母线
- 主回路可选择塑壳断路器或熔断器
- 分回路选用熔断器配电
- TeSys D 系列电容专用接触器
- EasyCan系列传统低压补偿产品
- Varlogic 控制器
- 如需配合调谐电抗器使用，则需要增加400mm宽侧柜

Power factor correction equipment is installed in 600mm wide switchgear cabinets and includes:

- Busbars
- Main circuit options: Molded case circuit breakers or fuses
- Branch circuits: Fuse-based power distribution
- TeSys D series capacitor-specific contactors
- EasyCan series traditional low-voltage compensation products
- Varlogic controllers
- A 400mm wide side cabinet is required if tuning reactors are used.

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母线
Busbars

水平母线7000A 以下

主母线用于电能在柜内的传输。每一相由单根或多根铜排组成，每根铜排为 5mm 厚。
通过独特的通风柜顶的设计方案，可以实现水平母线最大7000A的载流量。

主母排和支母排均为铜制，可采用裸铜排、镀银、环氧树脂喷涂等处理方式，铜排质量符合Cu-ETP H12标准(电解铜含量大于99.9%)(母线)。

所有母排支架和绝缘件均具有防潮、阻燃、自熄灭性能，且无毒害(母线)。

主母线：布置在开关柜的顶部母线室中，≤4000A时为单层水平母线，>4000A时为单层或双层水平母线，双层母线采用上下排布。根据电流大小，每相由1-5片母线组成。母线材料为铜(铜含量99.9%)，厚度为5mm的不同规格铜排构成，最大载流量为7000A。

配电母线：用于向各功能单元传输电能，由5mm或10mm厚的铜排组成。

Horizontal Busbars (up to 7000A)

Main busbars are used for power transmission within the cabinet. Each phase consists of one or more copper bars, each with a thickness of 5mm.
A unique ventilated cabinet top design enables a maximum current carrying capacity of 7000A for horizontal busbars.

Both main busbars and branch busbars are made of copper. They can be treated as bare copper, silver-plated or epoxy resin coated. The quality of copper bars complies with the Cu-ETP H12 standard (electrolytic copper content > 99.9%) (busbars).

All busbar supports and insulating parts have moisture-proof, flame-retardant and self-extinguishing propertiesand are non-toxic (busbars).

Main Busbars: Arranged in the top busbar compartment of the switchgear cabinet. Single-layer horizontal busbars are used for ≤ 4000A, and single-layer or double-layer horizontal busbars are used for > 4000A. Double-layer busbars are arranged vertically. Each phase consists of 1-5 busbar pieces according to the current magnitude. The busbar material is copper (99.9% copper content) with a thickness of 5mm. The maximum current carrying capacity is 7000A.

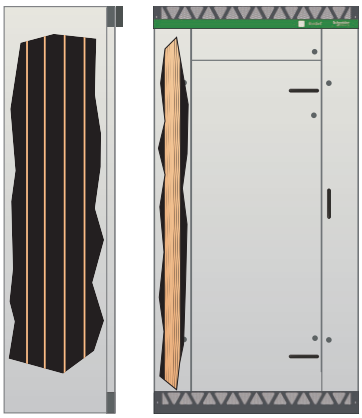
Distribution Busbars: Used to transmit power to each functional unit. They consist of copper bars with a thickness of 5mm or 10mm.



配电母线

配电母线用于向各功能单元传输电能。

DE56514



1

BlokSeT D型，Ms型

1

- 柜内母线置于侧面，3200A 以下

母线每一相由单根或多根铜排组成，位于开关柜的侧面。每根铜排为 5mm 厚，上面钻孔用于与多种开关元件的连接。配电母线与主母线相连接。

2

- 矩形母线，放置在后部，2350A 以下

安装在后部的母线每相由单根或多根铜排组成。每根铜排为 5mm 厚，上面钻孔用于与多种开关元件的连接。
配电母线使用螺母、螺栓和接触垫圈连接到主母线上。

接地母线

接地母线用于连接开关元件的保护导线，将暴露的导体部分进行等电位连接。

控制母线

控制母线向控制和检测电路供电。

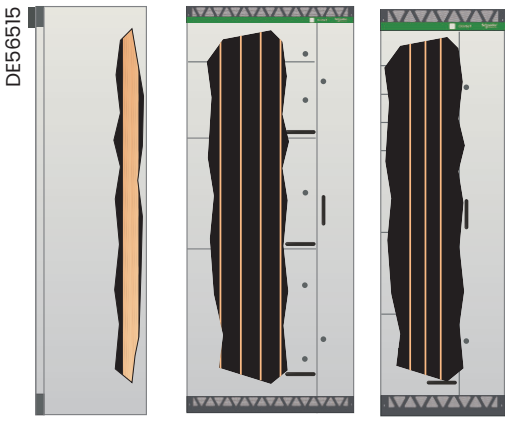
BlokSeT Mx型

配电母线，2100A以下
配电母线承载抽屉中的可抽出式单元的电流。
配电母线使用螺母、螺栓和接触垫圈与主母线相连接。

Distribution Busbars

Distribution busbars transmit power to each functional unit.

DE56515



2

BlokSeT Type D and Type Ms

1

- Busbars are located on the side of the cabinet, up to 3200A

Each phase of the busbar consists of one or more copper bars and is positioned on the side of the switchgear cabinet. Each copper bar has a thickness of 5mm and is drilled for connection to various switching devices. Distribution busbars connect to the main busbars.

2

- Rectangular Busbars (Rear-Mounted, up to 2350A)

Each phase of rear-mounted busbars consists of one or more copper bars.
Each copper bar has a thickness of 5mm and is drilled for connection to various switching devices.
Distribution busbars connect to the main busbars using nuts, bolts and contact washers.

Earthing Busbars

Earthing busbars connect the protective conductors of switching devices and provide equipotential bonding for exposed conductive parts.

Control Busbars

Control busbars supply power to control and monitoring circuits.

BlokSeT Type Mx

Distribution busbars, up to 2100A, carry the current of drawout units in drawers Distribution busbars connect to the main busbars using nuts, bolts and contact washers.

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用于配电功率因数补偿及马达保护
Used for power distribution, power factor correction and motor protection.

柜型 Cabinet Type	D	Mx	
功能 Function	 配电柜 Power Distribution Cabinet	 抽屉柜 Drawer Cabinet	 抽屉混装柜 Mixed Drawer Cabinet
配电母线 Distribution Busbars			
额定电流/额定容量 Rated Current/ Rated Capacity	3200A及以下 Up to 3200A	2100A及以下 Up to 2100A	
额定峰值耐受电流 Rated peak withstand current	63/105/143/176kA	63/105/143/154/176kA	
额定短时耐受电流 Rated Short-Time Withstand Current	30/50/65/80kA	30/50/65/70/80kA	
馈出 Feeder			
电动机 Motor	-	250kW及以下 Up to 250kW	
配电 Power distribution	6300A及以下 Up to 6300A	630A及以下 Up to 630A	1600A及以下* Up to 1600A*
机械特性 Mechanical Properties			
总高度 Total Height	2200mm*	2200mm*	
有效高度(1个模数=50mm) Effective Height (1 module = 50mm)	40个模数 40 modules	40个模数 40 modules	
宽度 Width	400, 600, 700, 800, 900, 1000, 1100, 1200, 1300，1400，1600mm	600, 1000mm*	
深度 Depth	600, 1000mm	600, 1000mm	
功能单元类型 Functional Unit Type	FFF	WWW	
分隔形式 Forms of Separation	1/2b/3a/3b/4b	3b / 4b	

*：具体方案请与施耐德电气市场部联系
*: For specific solutions, please contact Schneider Electric Marketing Department

	Dc	Dp	Da	Ms
				
	电容柜 Capacitor Cabinet	有源滤波柜 Active Harmonic Filter Cabinet	双电源柜 Dual Power Supply Cabinet	变频软起柜 Variable Frequency Drive and Soft Starter Cabinet
	电容电抗补偿400kvar及以下 静止无功补偿600kvar及以下 Capacitor-Reactor Compensation: Up to 400kvar Static Var Compensation: Up to 600kvar	补偿电流600A及以下 Compensation Current: Up to 600A	4000A及以下 Up to 4000A	3200A 及以下 Up to 3200A
	63kA	63kA	143kA	63/105/143/187kA
	30kA	30kA	65kA	30/50/65/85kA
	-	-	-	315kW及以下 Up to 315kW
	-	-	4000A及以下 Up to 4000A	-
	2200mm*	2200mm*	2200mm*	2200mm*
	40个模数 40 modules	40个模数 40 modules	40个模数 40 modules	40个模数 40 modules
	600, 800, 1000mm	600, 1000mm	1000, 1200mm	600, 800, 1000, 1200, 1600mm
	600, 1000mm	1000mm	1000mm	600, 1000mm
	FFF	FFF	FFF	FFF
	1 / 2b	1 / 2b	1 / 2b	1 / 2b / 3b / 4b

技术性能及方案介绍
Technical Performance and Solution Introduction

方案介绍
Solution Introduction

BlokSeT D



1 6300A及以下进线、馈线方案
Incoming and Feeder Solutions up to 6300A

BlokSeT D可满足您大功率进线、馈线、母联及双电源转换的保护要求，最多可安装3台框架开关。

4000A及以下方案，基本框架柜宽400mm、600mm或700mm
- 3台800到1600A的Masterpact MTZ1/MT/Compact NS
- 2台2000到2500A的Masterpact MTZ2/MT
- 1台3200A到4000A的Masterpact MTZ2/MT

4000A及以上方案，柜宽1000mm或1200mm
- 1台4000到6300A的Masterpact MTZ3/MT

BlokSeT Type D meets your protection requirements for high-power incoming, feeder, bus tie and dual power transfer applications. It can accommodate up to 3 air circuit breakers.

Solutions up to 4000A (Basic Cabinet Width: 400mm, 600mm or 700mm)
- 3 units of 800 to 1600A Masterpact MTZ1/MT/Compact NS Circuit Breakers
- 2 units of 2000 to 2500A Masterpact MTZ2/MT Circuit Breakers
- 1 unit of 3200A to 4000A Masterpact MTZ2/MT Circuit Breakers

Solutions above 4000A (Cabinet Width: 1000mm or 1200mm)
- 1 unit of 4000 to 6300A Masterpact MTZ3/MT Circuit Breaker



2 630A及以下配电回路
Distribution Circuits up to 630A

安全可靠的固定式配电方案，提供以下断路器可供选择：
- Acti9 Pro/Easy9系列小型断路器1-125A
- Compact NSX系列断路器100 – 630A，并可搭配PowerTag NSX塑壳无线测量诊断模块
- 标准方案：12台250A及以下，9台630A及以下
- 高密方案：24台250A及以下

Safe and reliable fixed distribution solutions with the following circuit breaker options:
- Acti9 Pro/Easy9 Series circuit breakers 1-125A
- Compact NSX series circuit breakers (100 – 630A), compatible with PowerTag NSX molded case wireless measurement and diagnostic modules
- Standard solution: 12 units of 250A and below, 9 units of 630A and below
- High-density solution: 24 outgoing feeders up to 250 A



辅助设备
Auxiliary Equipment

用于测量、保护和控制的辅助设备可根据要求位于进线单元的上方或下方。亦可安装在配电回路的面板上。
Auxiliary equipment for measurement, protection and control can be located above or below the incoming unit as required. It can also be installed on the panel of distribution circuits.

主要特点
Main Features

固定分隔式结构，结构简单可靠，各种连锁容易实现。

固定式接线，电气连接质量更高。功能单元与配电母线的连接采用螺栓连接方式，螺栓连接点上所施加的压力可以通过紧固力矩控制，能够达到良好的连接效果。

完整的分隔方案(Form 1/2b/3a/3b/4b)，柜内结构严格区分为元件区、母线区、接线区、仪表区，各区之间采用金属隔板进行隔离。良好的分隔型式，有效上减小人身伤害，并避免回路之间的相互影响。

柜体宽度灵活多变，实现现场空间优化。

可以安装固定式、插入式或者抽出式断路器，能够很好地满足实时检修的要求。

Fixed compartmentalized structure with simple and reliable design, easy implementation of various interlocks.

Fixed wiring for higher electrical connection quality. Bolt connection between functional units and distribution busbars. The pressure applied at bolt connection points can be controlled by tightening torque to achieve excellent connection results.

Complete separation solutions (Form 1/2b/3a/3b/4b). The internal cabinet structure is strictly divided into device area, busbar area, wiring area and instrument area, with metal partitions between each area. Effective separation forms minimize personal injury and avoid mutual interference between circuits.

Flexible cabinet widths for optimal on-site space utilization.

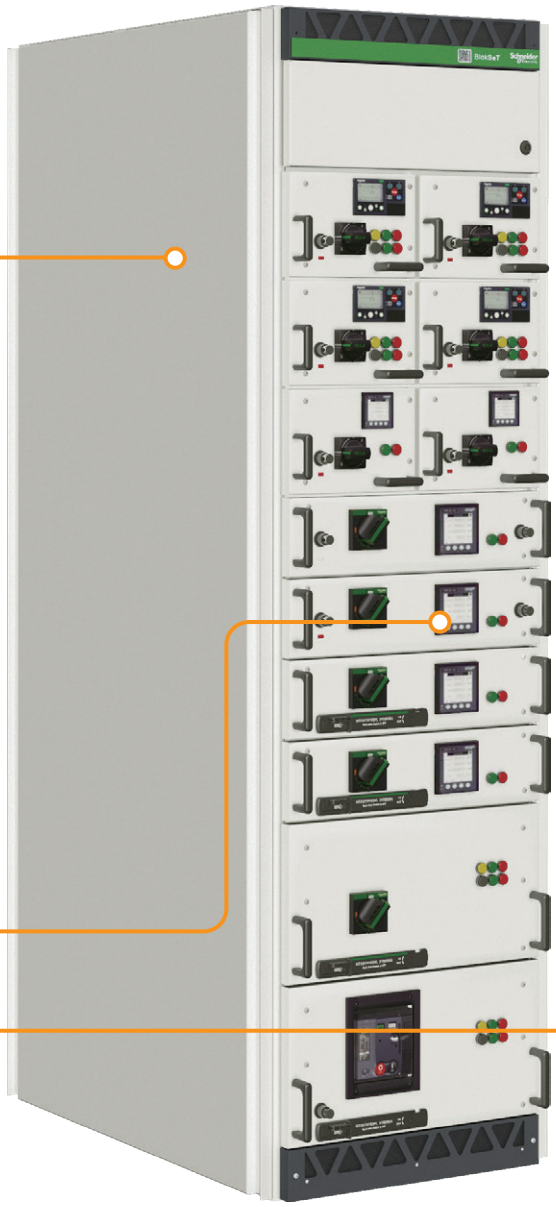
Accommodates fixed, plug-in or drawout Circuit Breakers to meet real-time maintenance requirements.



方案介绍
Solution Introduction

BlokSeT Mx

Mx为您提供安全、可靠、智能的抽屉柜解决方案
Type Mx provides you with safe, reliable and intelligent drawer cabinet solutions.



标准
Standards

符合主要的国际标准：
- GB/T 7251.1/2-2023
- GB/T 18859
- GB/T 2424.25
- IEC 61439-1/2:2020

Complies with major international standards:
- GB/T 7251.1/2-2023
- GB/T 18859
- GB/T 2424.25
- IEC 61439-1/2:2020



半模抽屉
Half-Module Drawers

结构
Structure

- 金属框架：折弯金属板
- 骨架结构：C型材结构设计
- 喷涂：环氧树脂粉末高温聚合
- 塑料部件：裸露带电导体的专用支撑件，具有自熄能力
- Metal frame: Bent metal sheet
- Skeleton structure: C-profile structure design
- Coating: High-temperature polymerized epoxy resin powder
- Plastic parts: Special supports for exposed live conductors with self-extinguishing properties

连接
Connections

- 后连接
- 前连接
- 顶部或底部进出线
- Rear connection
- Front connection
- Top or bottom cable entry and exit



整模抽屉
Full-Module Drawers

开关元件
Switching Devices

- 三极或四极
- 3-pole or 4-pole



Masterpact MTZ/MT低压空气断路器
Masterpact MTZ/MT Low Voltage Air Circuit Breakers



主要特点
Main Features

- 符合用户使用习惯，操作简单实用
- 纯抽屉柜、框架断路器混装抽屉柜后接线方案宽度600mm
- 抽屉模数更灵活：2M, 4M/2, 3M, 4M, 6M, 8M, 9M
- 最大至36M元件有效安全空间
- 抽屉可实现在同一台柜体上灵活选择摇进摇出、可抽出式单元，兼顾省力、灵活操作
- 采用经典的双夹头，避免磨损配电母排
- 垂直母线载流量可高达2100A
- Mx抽屉混装柜可以装配最高1600A空气断路器
- User-friendly operation with simple and practical design
- 600mm width for pure drawer cabinets and frame Circuit Breaker mixed drawer cabinets with rear wiring
- Flexible drawer modules: 2M, 4M/2, 3M, 4M, 6M, 8M, 9M
- Up to 36M of effective and safe component space
- Drawers allow flexible selection of hand cracking Drawer or Pull-out Drawer, which makes easy and flexible operation.
- Classic double clamp head design to avoid wear on distribution busbars
- Vertical busbar current carrying capacity up to 2100A
- Mx mixed drawer cabinets can accommodate air circuit breakers up to 1600A



方案介绍
Solution Introduction

BlokSeT Ms

变频及软起动柜
Variable Frequency Drive and Soft Starter Cabinet

可安装下列系列的变频器及软起动器：
- 变频器ATV630/930
- 软起动器ATS480

The following series of variable frequency drives and soft starters can be installed:
- Variable Frequency Drives: ATV630/930
- Soft Starters: ATS480



软起动器
Soft Starter



主要特点
Main Features

变频及软起动应用的特点是发热量大，我们针对该应用做了专门的设计和实验，来验证我们的标准方案在运行过程中的稳定性，保证使其达到标称性能。

Variable frequency drive and soft starter applications are characterized by high heat generation. We have conducted special design and tests for this application to verify the stability of our standard solutions during operation and ensure they achieve nominal performance.



变频器
Variable Frequency Drive



BlokSeT Dc

主要特点
Main Features

电容器柜的应用特点是发热量大，柜体通风散热要求高。我们针对该应用做了专门的设计和实验，来验证我们的标准方案在运行过程中的稳定性及元器件的安全，保证使其达到标称性能。

Capacitor cabinet applications are characterized by high heat generation and high requirements for cabinet ventilation and heat dissipation. We have conducted special design and tests for this application to verify the stability of our standard solutions during operation and the safety of components, and ensure they achieve nominal performance.

无功补偿柜
Power Factor Correction Cabinet

- EasyCan系列传统低压补偿产品，为客户提供不同谐波污染环境下的多种高性价比无功补偿方案，以及针对三相平衡和不平衡负荷分别提供三相共补电容器和三相分补电容器方案
- VCK系列传统低压补偿产品，更高产品性能，更加适应严苛应用环境，更多电压等级，尤其适用于工业行业无功补偿
- 更多信息，请参阅低压电容器产品目录或联系相关人员
- EasyCan series traditional low-voltage compensation products provide customers with various cost-effective power factor compensation solutions for different harmonic pollution environments, as well as three-phase common compensation capacitors and three-phase individual compensation capacitors for balanced and unbalanced three-phase loads respectively
- VCK series traditional low-voltage compensation products offer higher performance, better adaptability to harsh application environments and more voltage levels. They are particularly suitable for power factor compensation in industrial industries
- For more information, please refer to the low-voltage capacitor product catalog or contact relevant personnel







技术性能及方案介绍
Technical Performance and Solution Introduction

方案介绍
Solution Introduction

BlokSeT Dc

无功补偿柜
静止无功发生器
Power Factor Correction Cabinet
static reactive generator

AccuSine PQU是基于电力电子前沿技术开发的新一代模块化SVG产品，是针对电能质量各类问题设计的综合治理产品，可在补偿功率因数的功能之外，同时兼有三相不平衡治理以及2-25次谐波滤除的功能，可广泛应用于各类工业、通信、楼宇等领域。

AccuSine PQU is a new generation of modular SVG products developed based on cutting-edge power electronics technology. It is a comprehensive power quality solution designed to address various power quality issues. In addition to power factor correction, it also provides three-phase unbalance mitigation and 2nd to 25th harmonic filtering functions. It can be widely used in various industrial, telecommunications and buildings.

★ 主要特点
Main Features

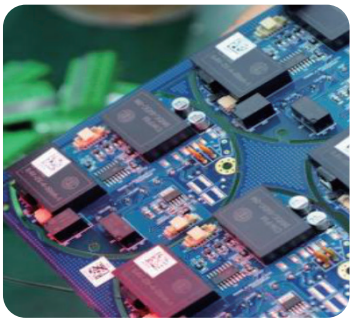
采用AccuSine PQU模块机架式产品，单柜支持最多6台功率模块，可实现600kvar补偿容量，也可以依据需求选择与电容电抗搭配进行混合补偿。
我们对该应用做了专门的设计和验证，确保标准方案在运行过程中的安全性及稳定性。

The AccuSine PQU modular rack-mounted product supports up to 6 power modules per cabinet, achieving a compensation capacity of 600kvar. It can also be combined with capacitors and reactors for hybrid compensation as required.
We have conducted special design and verification for this application to ensure the safety and stability of standard solutions during operation.









BlokSeT Dp

有源滤波柜
有源滤波器
Active Harmonic Filter Cabinet

AccuSine PCSU具备2-51次谐波滤除能力，响应速度快、滤除效率高，同时采用模块化设计，体积小、重量轻，方便应用的扩展及改造，可广泛用于各类工业、数据中心、楼宇和地铁交通等领域。

AccuSine PCSU provides 2nd to 51st harmonic filtering capability with fast response speed and high filtering efficiency. It adopts a modular design with small size and light weight, which facilitates application expansion and transformation. It can be widely used in various industrial, data center, building and metro transportation fields.

主要特点
Main Features

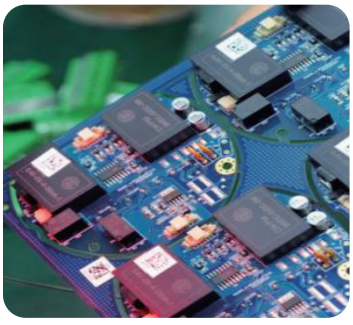
采用AccuSine PCSU模块机架式产品，单柜支持最大600A谐波补偿容量，也可以依据需求选择与电容电抗搭配进行混合补偿。
我们对该应用做了专门的设计和验证，确保标准方案在运行过程中的安全性及稳定性。

The AccuSine PCSU modular rack-mounted product supports a maximum harmonic compensation capacity of 600A per cabinet. It can also be combined with capacitors and reactors for hybrid compensation as required.
We have conducted special design and verification for this application to ensure the safety and stability of standard solutions during operation.



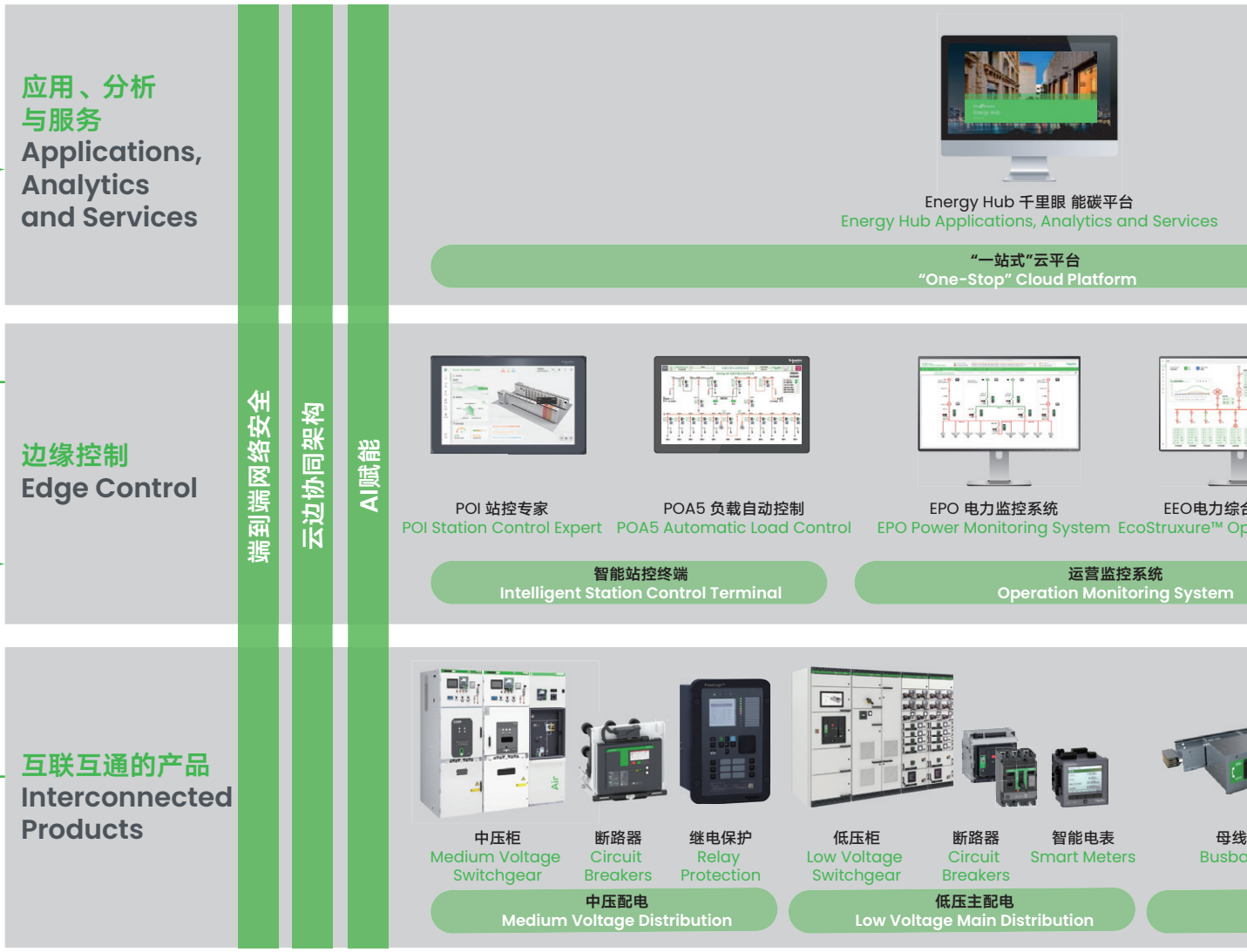






EcoStruxure™ Power：将更加全面覆盖关键基础设施
EcoStruxure™ Power: Comprehensive Coverage Full

EcoStruxure™ 物联网 & 数据 I 软件实现数字孪生
EcoStruxure™ Digital Twin Enabled by IoT & Data Software

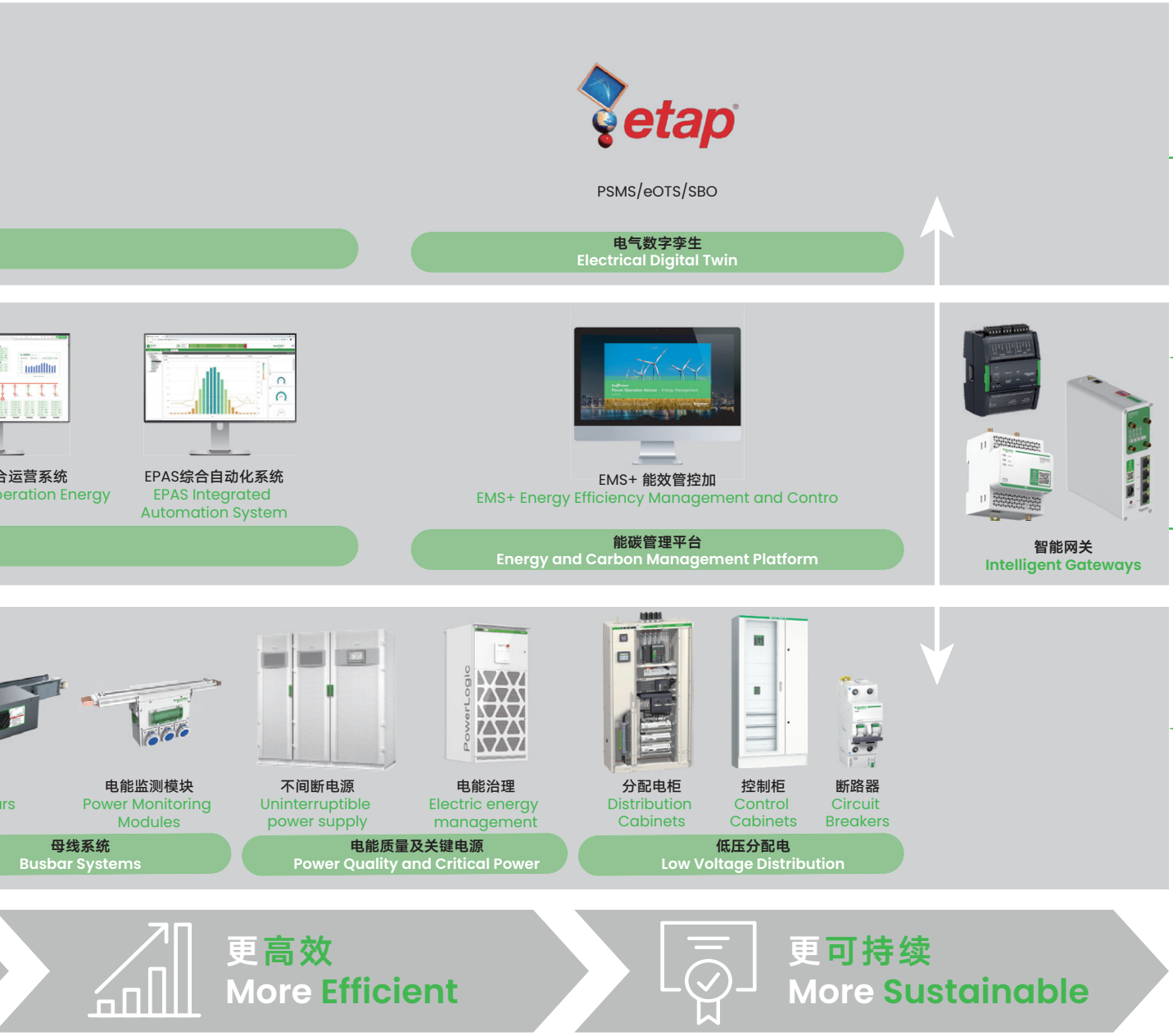


更安全 Safer

更可靠 More Reliable

管理数字化全场景

Scenario Digitalization of Critical Infrastructure Management



更高效
More Efficient

更可持续
More Sustainable

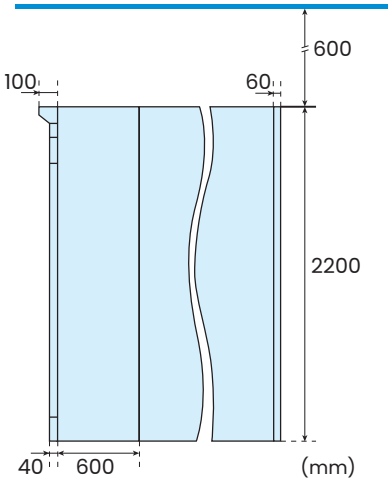
尺寸和安装
Dimensions and Installation



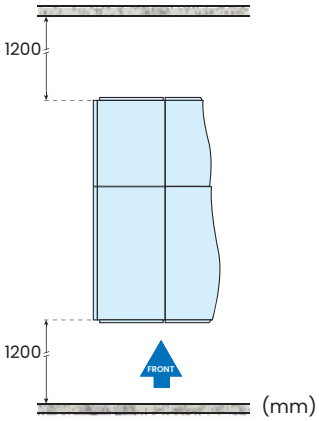
尺寸和安装
Dimensions and Installation

开关柜周围需要预留的空间距离
Required Clearances Around Switchgear Cabinets

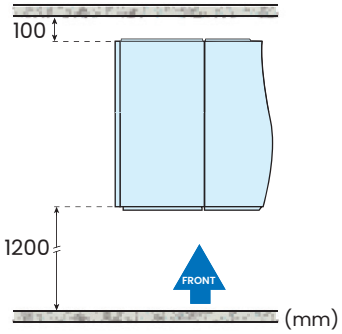
- 必须在开关柜顶部为电缆连接和水平母线的鱼形排拼接预留至少600mm的空间。
- A minimum clearance of 600mm must be reserved above the switchgear cabinets for cable connections and fish bar connection of horizontal busbars.



开关柜顶部建议预留空间(侧视图)
Recommended clearance above switchgear cabinets (Side View)



后连接(俯视图)
Rear connection (Top View)



前连接(俯视图)
Front connection (Top View)

尺寸和安装
Dimensions and Installation

现场准备
Site Preparation

- Blok**SeT** 安装现场必须干净。地面必须平坦并且水平偏差不超过2mm/m (参见图1)
- 至少保留1200mm的可用空间(参见图1)以便开启柜门和操作员检修
- Blok**SeT** 前面至少保留1200mm (对于6300A型号保留1600mm)的可用空间(参见图1)，以便完全开启柜门、维护或使用提升设备(适用时)
- 预留空间以便以后扩展.
- 通过顶部连接
  - 在BlokSeT顶部至少保留600mm的可用空间
- 通过底部连接(参见图2)
- 电缆布线的两种选择：
  - 通过设备底部的槽。深度必须至少为600mm ,才能保证电缆的不同弯曲半径
  - 或通过活地板下方。在该情况下,必须在地板中钻孔以便进行电缆布线
- Blok**SeT** installation site must be clean. The floor must be flat with a level deviation not exceeding 2mm/m (see Figure 1).
- A minimum clearance of 1200mm must be maintained (see Figure 1) for door opening and operator maintenance.
- A minimum clearance of 1200mm (1600mm for 6300A models) must be maintained in front of Blok**SeT** cabinets (see Figure 1) for full door opening, maintenance or use of lifting equipment (where applicable).
- Reserve space for future expansion.
- For Top Connection
  - Reserve a minimum clearance of 600mm above BlokSeT cabinets.
- For Bottom Connection (see Figure 2)
- Two options are available for cable routing:
  - Through trenches under the equipment. The depth must be at least 600mm to accommodate different cable bending radii.
  - Or through a raised floor system. In this case, holes must be drilled in the floor for cable routing.

⚠ 危险 Danger

触电、烧伤或爆炸危险。

Electric shock, burn or explosion hazard.

设备内外存在触电、烫伤或爆炸危险。在进行工作之前,关闭设备的所有电源。

Electric shock, burn or explosion hazard exists inside and outside the equipment. Turn off all power to the equipment before performing any work.

未遵守这些说明将导致触电、严重的人身伤害或死亡!

Failure to follow these instructions will result in electric shock, serious personal injury or death!

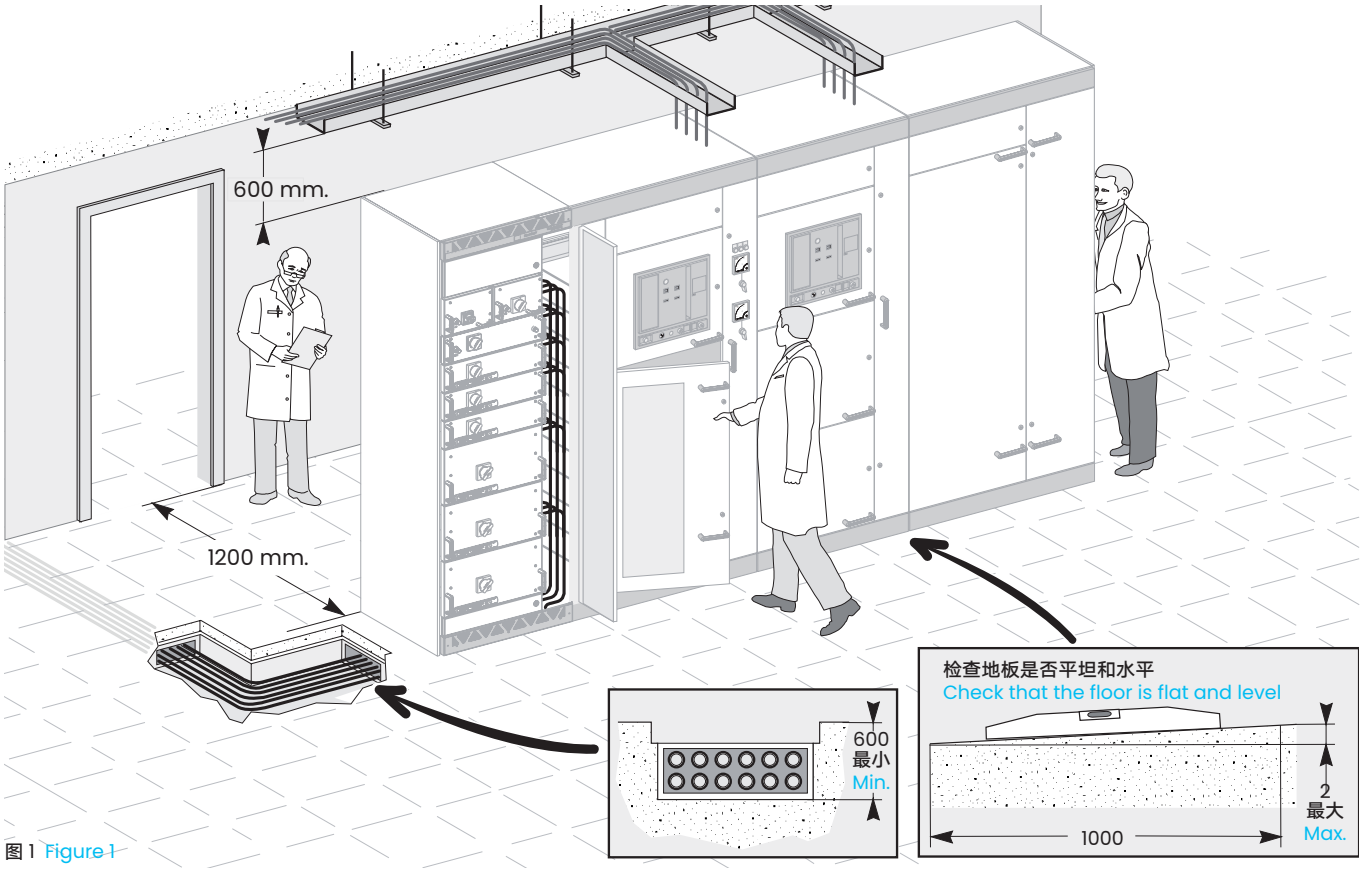
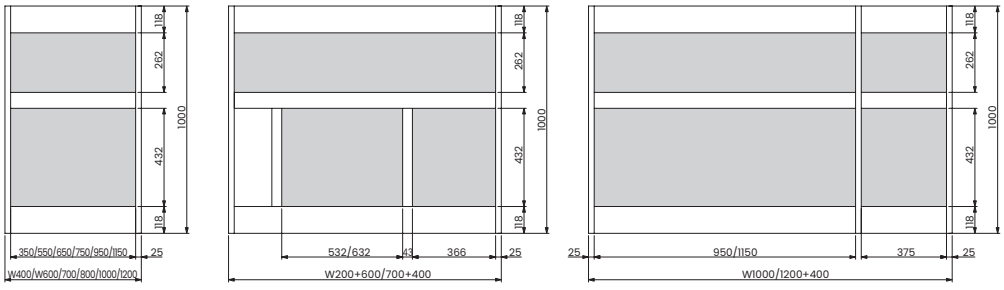


图 1 Figure 1

举例：通过底部布线的电缆通道
Example: Cable trench for bottom wiring

电缆引入
Cable Entry

该指示区域适合电缆从顶部或底部进入。
This indicated area is suitable for cable entry from the top or bottom.



电缆引入区域
Cable Entry Area

连接单元
Connection Units

- 将这些单元按照所需的组装顺序放置到安装现场
- 拆除任何剩余包装和保护材料
- 拆除顶板和零件，以便能够接触到开关柜组件。注意各个零件的位置
- 拆除侧板(参见图1)：
  - 拆除固定面板的螺钉
  - 将面板从支架上抬起并抽出
- 拆除上下通风格栅：
  - 首先卸下M5x10 的自攻螺钉(参见图2)
  - 然后向前拉格栅，使其完全脱离(参见图3)
- 拆除门(参见图4)
  图4和图5：打开门；
  图6：拉下阻挡螺柱，完全松开阻挡螺柱；
  图7：使阻挡螺柱绕门旋转四分之一圈；
  图8：拆除门。
- 可以从右向左、从左向右或从中间安装单元。
- Place these units at the installation site in the required assembly sequence.
- Remove any remaining packaging and protective materials.
- Remove the top plate and components to gain access to the switchgear assembly. Note the position of all components.
- To remove side panels (see Figure 1):
  - Remove the screws that secure the panel.
  - Lift the panel off the brackets and pull it out.
- To remove upper and lower ventilation grilles:
  - First remove the M5×10 self-tapping screws (see Figure 2).
  - Then pull the grille forward until it is completely detached (see Figure 3).
- To remove doors (see Figure 4):
  Figures 4 and 5: Open the door.
  Figure 6: Pull down the stop stud and loosen it completely.
  Figure 7: Rotate the stop stud a quarter turn around the door.
  Figure 8: Remove the door.
- Units can be installed from right to left, left to right or from the center.

⚠ 警告 Warning

移动设备时，务必非常谨慎。由于设备重心较高，设备有倾斜的趋势。
Exercise extreme caution when moving the equipment. The equipment has a tendency to tip over due to its high center of gravity.

未遵守这些说明可能导致人身伤害或设备损坏。
Failure to follow these instructions may result in personal injury or equipment damage.

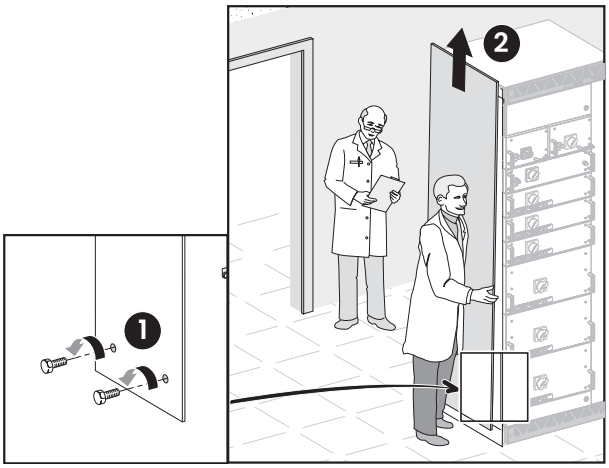


图 1 Figure 1

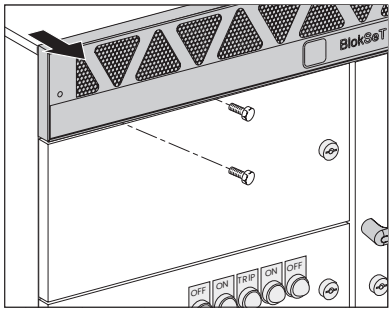


图 2 Figure 2

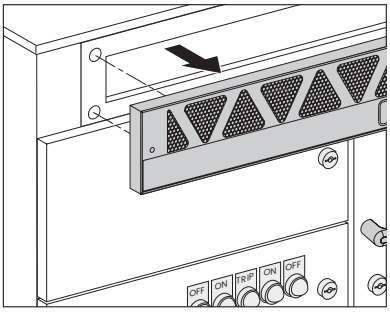


图 3 Figure 3

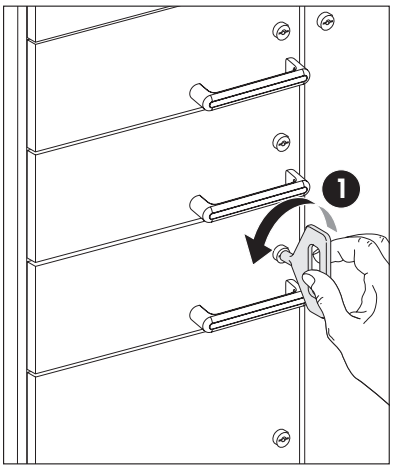


图 4 Figure 4

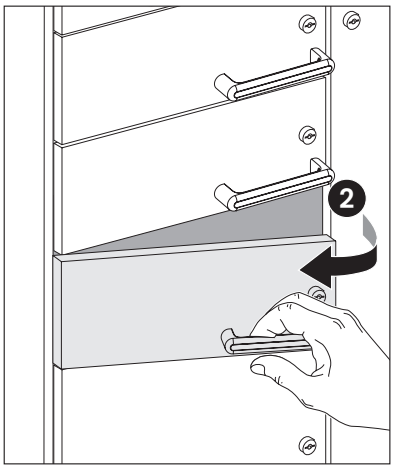


图 5 Figure 5

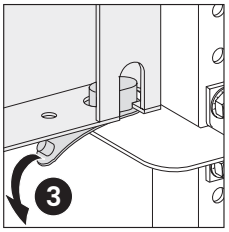


图 6 Figure 6

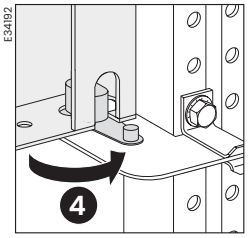


图 7 Figure 7

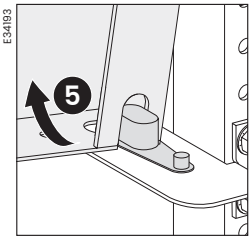


图 8 Figure 8

尺寸和安装
Dimensions and Installation

- 将放置第一单元，并使用三个M10 地脚螺栓将其固定到地板上(参见图1 和图2)。图3 显示了地脚螺栓的钻孔位置
- 将第二单元放置到第一单元旁边
- 使用两 个M10地脚螺栓在对角线位置固定将第二单元固定到地板。(参见图1)
- 使用八个HM 6×16 螺栓和6mm 直径的带倒钩的垫圈。使用8.8 级地螺母和螺栓
- 按照以上步骤安装其他单元
- Place the first unit and secure it to the floor with three M10 anchor bolts (see Figures 1 and 2). Figure 3 shows the drilling positions for anchor bolts.
- Place the second unit next to the first unit.
- Secure the second unit to the floor with two M10 anchor bolts at diagonal positions (see Figure 1).
- Use eight HM 6×16 bolts and 6mm diameter barbed washers. Use Class 8.8 bolts and nuts.
- Install additional units following the above procedure.

注释 Note

如果地板并不完全平坦，在固定这些单元前，使用木楔阻挡这些单元。

If the floor is not completely flat, use wooden shims to block the units before securing them.

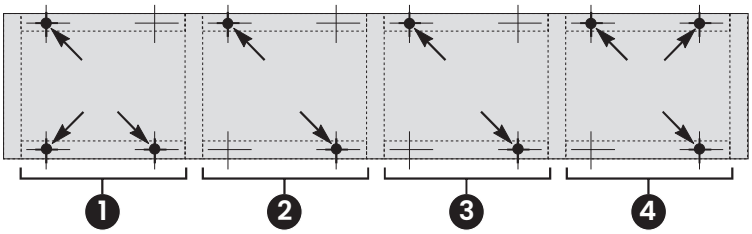


图 1 Figure 1

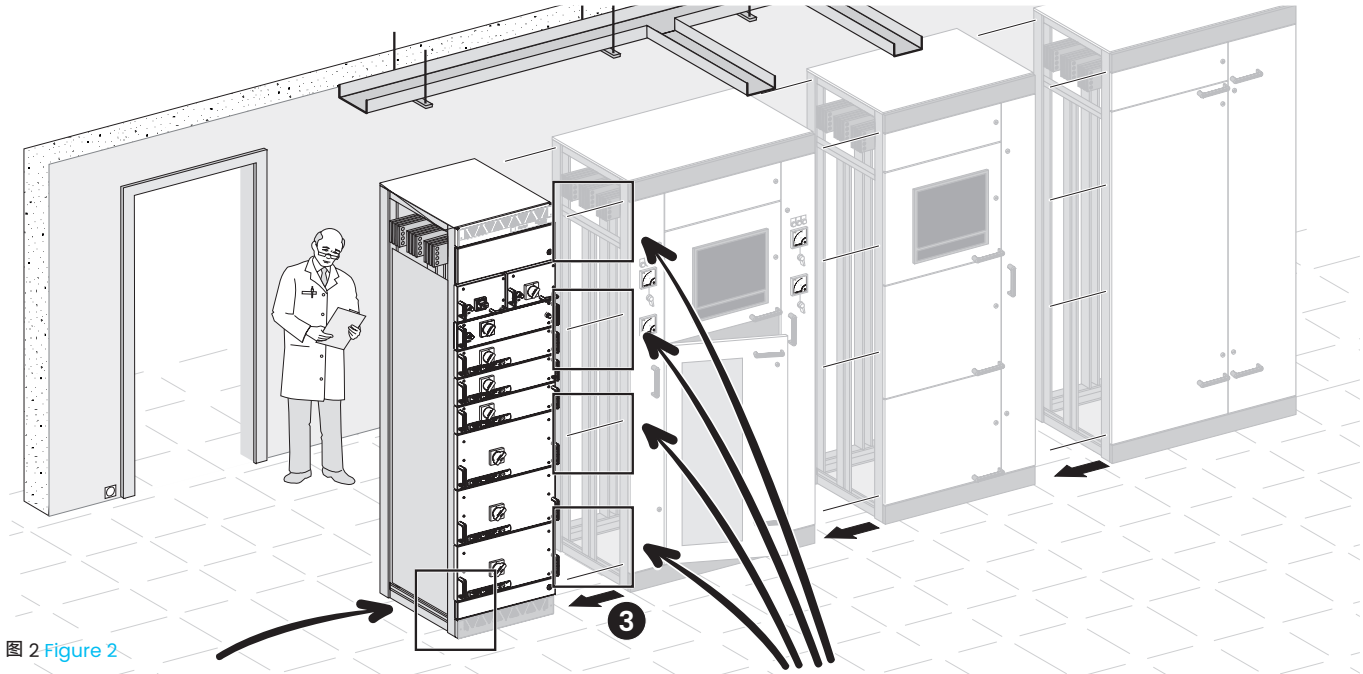
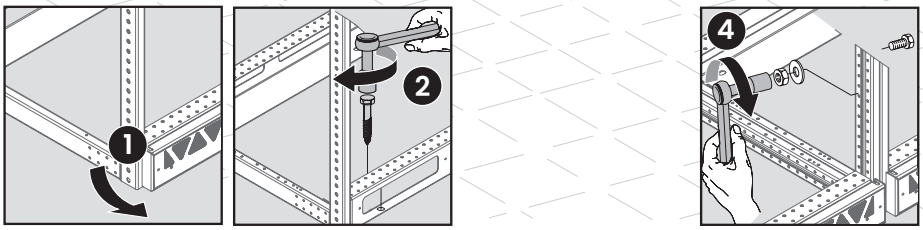


图 2 Figure 2



BlokSeT地脚安装尺寸

BlokSeT Anchor Bolt Mounting Dimensions

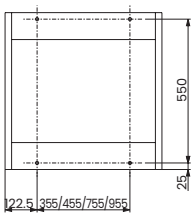
柜深度：600mm

Cabinet Depth:600mm

单元宽度

Unit Width

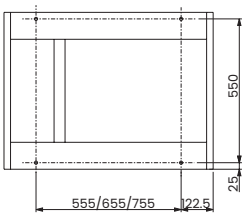
600/700/1000/1200



单元宽度

Unit Width

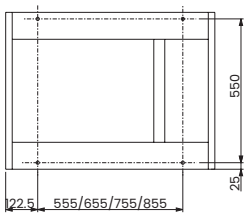
800(200+600)/900(200+700)/1000(400+600)



单元宽度

Unit Width

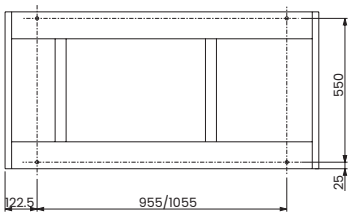
800(600+200)/900(700+200)/1000(600+400)/1100(700+400)



单元宽度

Unit Width

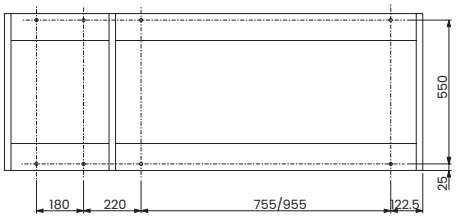
1200(200+600+400)/1300(200+700+400)



单元宽度

Unit Width

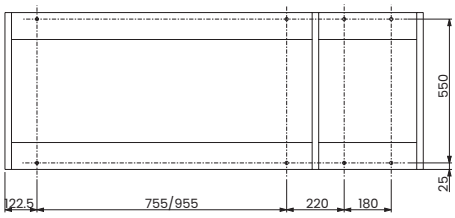
1400(400+1000)/1600(400+1200)



单元宽度

Unit Width

1400(1000+400)/1600(1200+400)



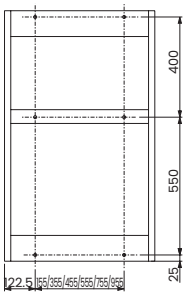
柜深度：1000mm

Cabinet Depth: 1000mm

单元宽度

Unit Width

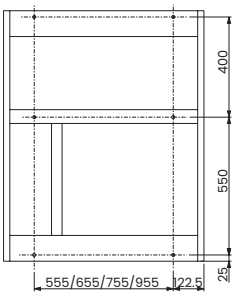
400/600/700/800/1000/1200



单元宽度

Unit Width

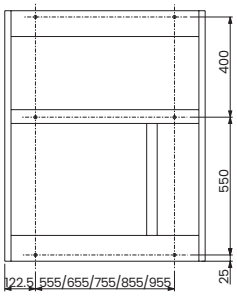
800(200+600)/900(200+700)/
1000(400+600/300+700)/1200(400+800)



单元宽度

Unit Width

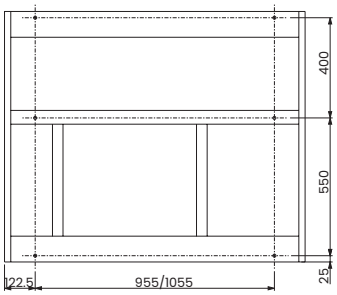
800(600+200)/900(700+200)/1000(600+400/300+700)/
1100(700+400)/1200(800+400)



单元宽度

Unit Width

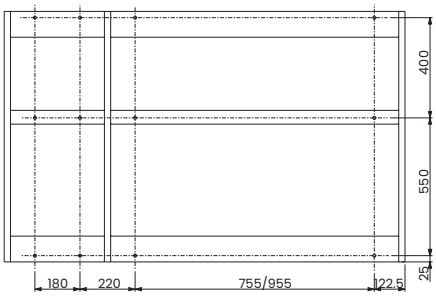
1200(200+600+400)/1300(200+700+400)



单元宽度

Unit Width

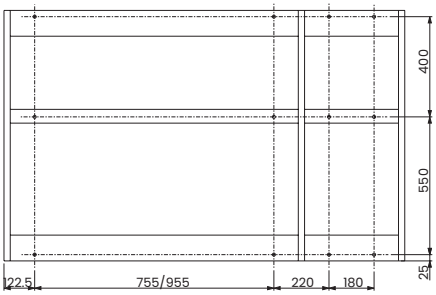
1400(400+1000)/1600(400+1200)



单元宽度

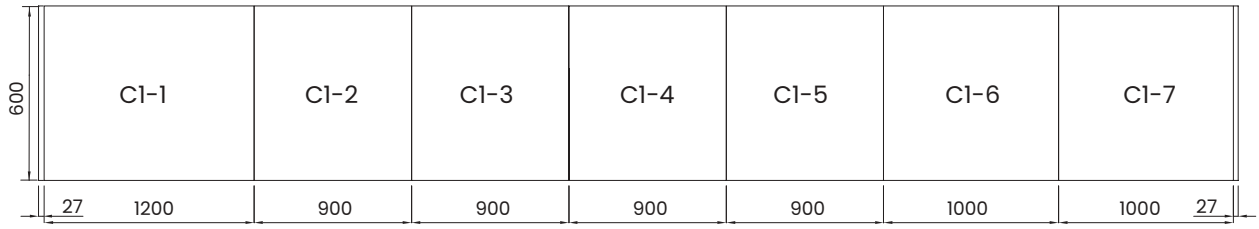
Unit Width

1400(1000+400)/1600(1200+400)

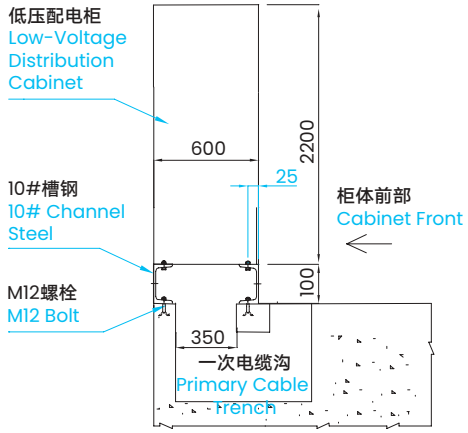


尺寸和安装
Dimensions and Installation

BlokSeT 柜前接线地基图
BlokSeT Front Wiring Foundation Drawing

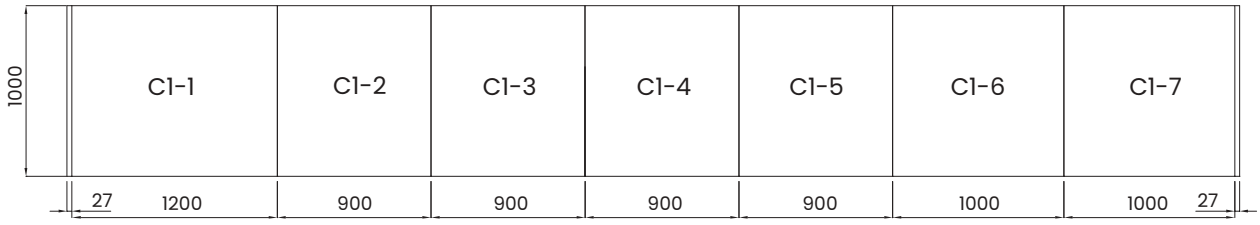


整列柜基础示意
Foundation Diagram for a Row of Cabinets

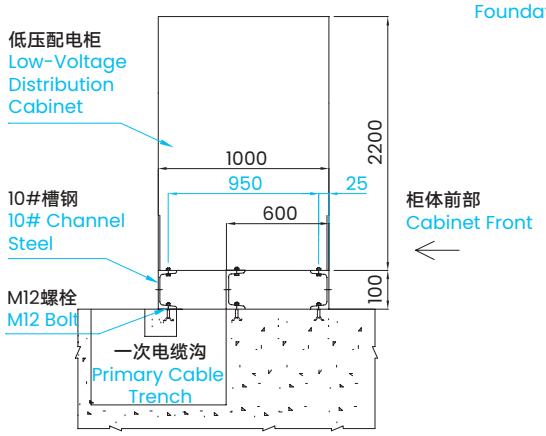


柜体安装示意图(侧视图)
Cabinet Installation Diagram (Side View)

BlokSeT 柜后接线地基图
BlokSeT Rear Wiring Foundation Drawing



整列柜基础示意
Foundation Diagram for a Row of Cabinets



柜体安装示意图(侧视图)
Cabinet Installation Diagram (Side View)

一次系统推荐方案
Recommended Primary System Solutions

BlokSeT D 固定式配电柜 46
BlokSeT D Fixed Switchgear Cabinet

BlokSeT Da 固定式电源转换开关柜 52
BlokSeT Da Fixed Dual Power Transfer Switchgear Cabinet

BlokSeT Ms 变频及软起动柜 53
BlokSeT Ms Variable Frequency Drive and Soft Starter Cabinet

BlokSeT Dc 电容柜 57
BlokSeT Dc Capacitor Cabinet

BlokSeT Dp 有源滤波柜 61
BlokSeT Dp Active Filter Cabinet

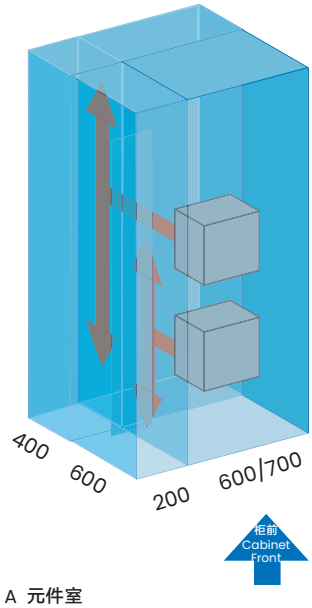
BlokSeT Mx 抽屉柜 64
BlokSeT Mx Drawer Cabinet

一次系统推荐方案
Recommended Primary System Solutions

BlokSeT D 固定式配电柜设计说明
BlokSeT D Fixed Switchgear Cabinet Design Description

- BlokSeT D为固定分隔式低压配电开关柜，柜体采用模块化结构
- 高度
  - BlokSeT D有效安装高度为40个模数(每个模数为50mm)，其中包括开关隔室和母线隔室
  - 当水平母线额定电流 ≤ 4000A，单层母排占用模数4M，元件的有效安装高度为36M
  - 当水平母线额定电流 > 4000A，单层母排占用模数6M，元件的有效安装高度为34M
  - 当水平母线额定电流 > 4000A，双层母排占用模数8M，元件的有效安装高度为32M
- 宽度
  - BlokSeT D的宽度可以根据应用需要灵活配置，它由一个基本框架和多个扩展框架构成
- BlokSeT D is a fixed compartmentalized low voltage distribution switchgear cabinet with a modular structure.
- Height
  - BlokSeT D has an effective installation height of 40 modules (each module is 50mm), including switch compartments and busbar compartments.
  - When the horizontal busbar rated current ≤ 4000A, single-layer busbars occupy 4M modules, and the effective installation height for components is 36M.
  - When the horizontal busbar rated current > 4000A, single-layer busbars occupy 6M modules, and the effective installation height for components is 34M.
  - When the horizontal busbar rated current > 4000A, double-layer busbars occupy 8M modules, and the effective installation height for components is 32M.
- Width
  - The width of BlokSeT D can be flexibly configured according to application requirements. It consists of one basic frame and multiple extension frames

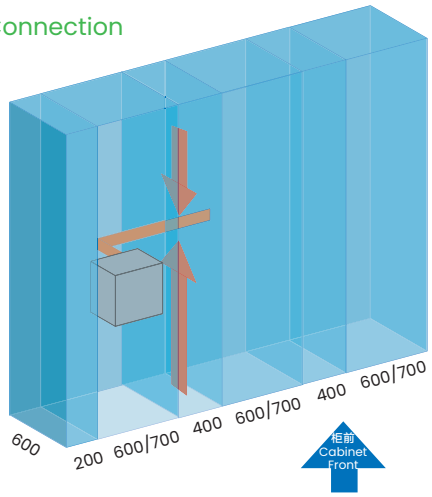
后连接
Rear Connection



A 元件室
C 电缆室
V 垂直母线室
A Device compartment
C Cable compartment
V Vertical busbar compartment

后连接 Rear Connection	柜深：1000mm Cabinet depth: 1000mm
柜宽：400/600/700mm Cabinet width: 400/600/700mm	C 400 A 600 400/600/700
柜宽：800mm Cabinet width: 800mm	C 400 V A 600 200 600
柜宽：900mm Cabinet width: 900mm	C 400 V A 600 200 700
柜宽：1000mm（适用于MT40b及以上3P开关安装） Cabinet width: 1000 mm (for installation of MT40b and above 3-pole switches)	C 400 A 600 1000
柜宽：1200mm(适用于MT40b及以上安装) Cabinet width: 1200mm (for installation of MT40b and above switches)	C 400 A 600 1200

侧连接
Side Connection

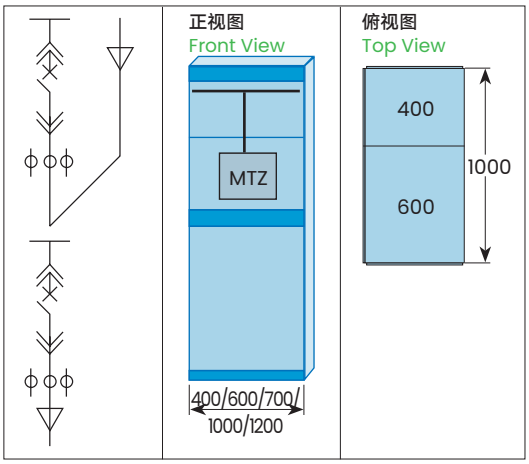


A 元件室
C 电缆室
V 垂直母线室
A Device compartment
C Cable compartment
V Vertical busbar compartment

- 侧连接时，柜体深度为600mm
- 在主柜的右侧，需要为电缆安装及设备连接增加侧扩展柜(宽度400mm)
- For side connection, the cabinet depth is 600mm
- A side extension cabinet (400mm width) must be added to the right side of the main cabinet for cable installation and equipment connection

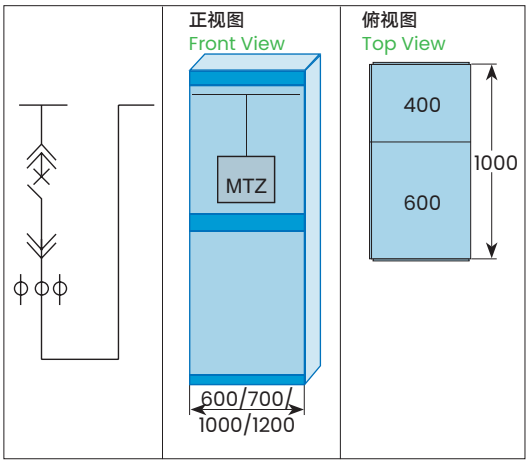
侧连接 Side Connection	柜体深度：600mm Cabinet depth: 600 mm
柜体宽度： 1000mm Cabinet width: 1000 mm	A (600) C (400) 600
柜体宽度： 1100mm Cabinet width: 1100mm	A (700) C (400) 600
柜体宽度： 1200mm Cabinet width: 1200mm	V (200) A (600) C (400) 600
柜体宽度： 1300mm Cabinet width: 1300mm	V (200) A (700) C (400) 600

一次系统推荐方案
Recommended Primary System Solutions



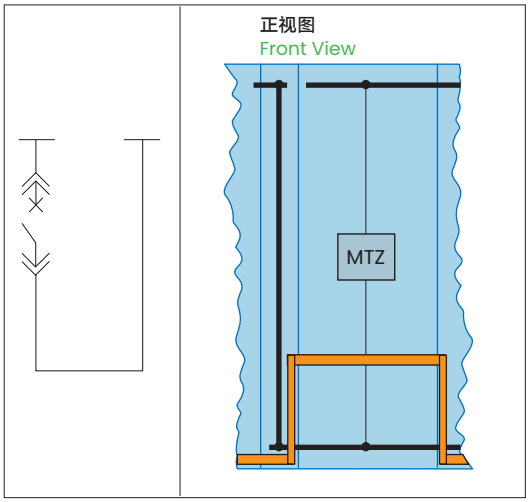
顶部/底部进线
Top/Bottom Incoming

方案编号 Scheme No.	In(A)	主要元件 Main Components	模数 Modules	推荐柜宽(mm) Recommended Cabinet Width (mm)
1A	630-1600	MT/MTZ1	10	400(3P)
1B	630-1600	NS630b-1600	9	600(3P/4P)
1C	630-1600	MT/MTZ1	9	600(3P/4P)
1D	800-2500	MT/MTZ2	12	600(3P),700(4P)
1E	3200	MT/MTZ2	40(包括水平母线) 40 (including horizontal busbars)	600(3P),700(4P)
1F	4000	MT/MTZ2	40(包括水平母线) 40 (including horizontal busbars)	700(3P/4P)
1G	4000-6300	MT/MTZ3	40(包括水平母线) 40 (including horizontal busbars)	1000(3P)
1H	4000-6300	MT/MTZ3	40(包括水平母线) 40 (including horizontal busbars)	1200(3P/4P)



变压器侧进线
Transformer Side Incoming

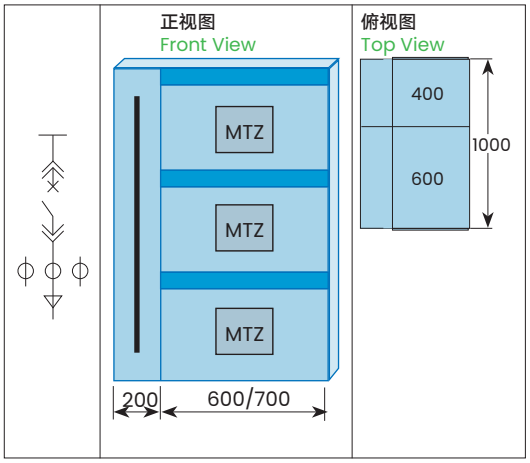
方案编号 Scheme No.	In(A)	主要元件 Main Components	模数 Modules	推荐柜宽(mm) Recommended Cabinet Width (mm)
1I	3200	MT/MTZ2	40(包括水平母线) 40 (including horizontal busbars)	600(3P)
1J	3200/4000	MT/MTZ2	40(包括水平母线) 40 (including horizontal busbars)	700(3P/4P)
1K	4000-6300	MT/MTZ3	40(包括水平母线) 40 (including horizontal busbars)	1000(3P)
1L	4000-6300	MT/MTZ3	40(包括水平母线) 40 (including horizontal busbars)	1200(3P/4P)



母联
Bus Tie

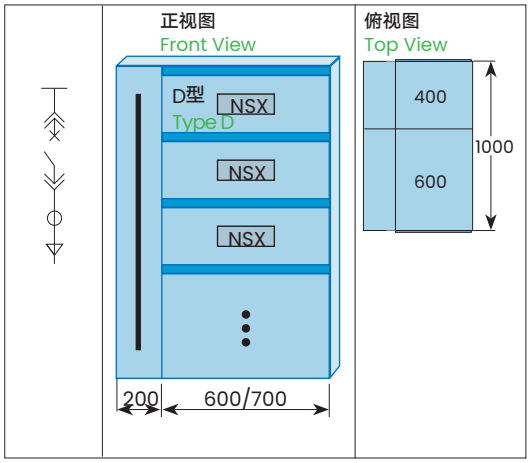
方案编号 Scheme No.	In(A)	主要元件 Main Components	模数 Modules	推荐柜宽(mm) Recommended Cabinet Width (mm)
2A	630-1600	NS630b-1600	40(包括水平母线) 40 (including horizontal busbars)	800(3P/4P)
2B	630-1600	MT/MTZ1	40(包括水平母线) 40 (including horizontal busbars)	800(3P/4P)
2C	800-2500	MT/MTZ2	40(包括水平母线) 40 (including horizontal busbars)	800(3P),900(4P)
2D	3200	MT/MTZ2	40(包括水平母线) 40 (including horizontal busbars)	800(3P),900(4P)
2E	4000	MT/MTZ2	40(包括水平母线) 40 (including horizontal busbars)	900(3P/4P)
2F	4000-6300	MT/MTZ3	40(包括水平母线) 40 (including horizontal busbars)	1400(3P)
2G	4000-6300	MT/MTZ3	40(包括水平母线) 40 (including horizontal busbars)	1600(3P/4P)

一次系统推荐方案
Recommended Primary System Solutions



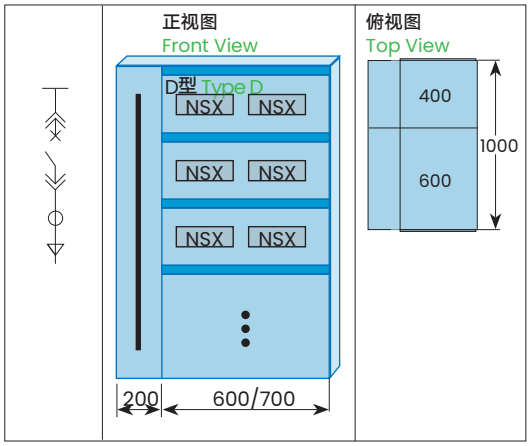
馈电：框架馈电方案
Feeder: ACB Feeder Solutions

方案编号 Scheme No.	In(A)	主要元件 Main Components	模数 Modules	推荐柜宽(mm) Recommended Cabinet Width (mm)
3A	630-1250	MT/MTZ1	10	后出线： • 400(3P) 2台叠装 Rear outlet: • 400 (3P) 2 units stacked
3B	630-1600	NS630b-1600	9	后出线： • 600(3P/4P) 单独成柜 • 800(3P)，900(4P) 叠装 侧出线： • 1000(3P/4P)单独成柜 • 1200(3P/4P)叠装 Rear outlet: • 600 (3P/4P) individual cabinet • 800 (3P), 900 (4P) stacked Side outlet: • 1000 (3P/4P) individual cabinet • 1200 (3P/4P) stacked
3C	630-1600	MT/MTZ1	9	后出线： • 600(3P/4P) 单独成柜 • 800(3P)，900(4P) 叠装 侧出线： • 1000(3P/4P)单独成柜 • 1200(3P/4P)叠装 Rear outlet: • 600 (3P/4P) individual cabinet • 800 (3P), 900 (4P) stacked Side outlet: • 1000 (3P/4P) individual cabinet • 1200 (3P/4P) stacked
3D	800-1250	2xMT/MTZ2	40(包括水平母线) 40 (including horizontal busbars)	后出线： • 600(3P) 2台框架叠装 Rear outlet: • 600 (3P) 2 frame breakers stacked
3E	800-1250	3xMT/MTZ2	40(包括水平母线) 40 (including horizontal busbars)	后出线： • 800(3P) 3台框架叠装 Rear outlet: • 800 (3P) 3 frame breakers stacked
3F	800-1600	MT/MTZ2	12	后出线： • 600(3P)，700(4P) 单独成柜 • 800(3P)，900(4P) 叠装 侧出线： • 1000(3P)，1100(4P)单独成柜 • 1200(3P)，1300(4P)叠装 Rear outlet: • 600 (3P), 700 (4P) individual cabinet • 800 (3P), 900 (4P) stacked Side outlet: • 1000 (3P), 1100 (4P) individual cabinet • 1200 (3P), 1300 (4P) stacked
3G	2000-2500	MT/MTZ2	16	后出线： • 600(3P)，700(4P) 单独成柜 • 800(3P)，900(4P) 叠装 侧出线： • 1000(3P)，1100(4P)单独成柜 • 1200(3P)，1300(4P)叠装 Rear outlet: • 600 (3P), 700 (4P) individual cabinet • 800 (3P), 900 (4P) stacked Side outlet: • 1000 (3P), 1100 (4P) individual cabinet • 1200 (3P), 1300 (4P) stacked
3H	3200	MT/MTZ2	40(包括水平母线) 40 (including horizontal busbars)	后出线及前出线： • 600(3P)，700(4P) 单独成柜 Rear outlet and front outlet: • 600 (3P), 700 (4P) individual cabinet
3I	4000	MT/MTZ2	40(包括水平母线) 40 (including horizontal busbars)	后出线及前出线： • 700(3P/4P) 单独成柜 Rear outlet and front outlet: • 700 (3P/4P) individual cabinet
3J	4000-6300	MT/MTZ3	40(包括水平母线) 40 (including horizontal busbars)	后出线及侧出线： • 1200(3P/4P) 单独成柜 Rear outlet and side outlet: • 1200 (3P/4P) individual cabinet



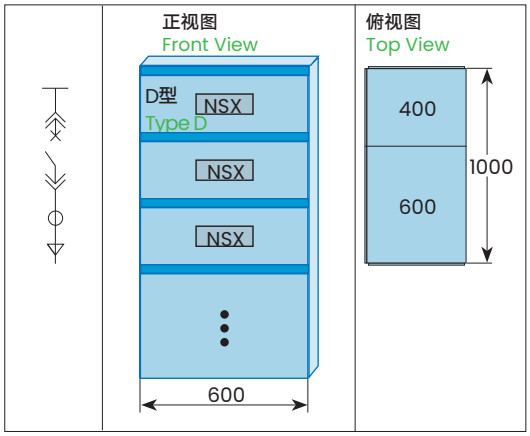
馈电(单个NSX水平安装)
Feeder (Single NSX Horizontal Mounting)

方案编号 Scheme No.	In(A)	主要元件 Main Components	模数 Modules	推荐柜宽(mm) Recommended Cabinet Width (mm)
4A/4C/4E	100/160/250	NSX100/160/250 3P	3	后出线：800(3P) 侧出线：1200(3P) Rear outlet: 800 (3P) Side outlet: 1200 (3P)
4B/4D/4F	100/160/250	NSX100/160/250 4P	4	后出线：800/900(4P) 侧出线：1200/1300(4P) Rear outlet: 800/900 (4P) Side outlet: 1200/1300 (4P)
4G/4I	400/630	NSX400/630 3P	4	后出线：800(3P) 侧出线：1200(3P) Rear outlet: 800 (3P) Side outlet: 1200 (3P)
4H/4J	400/630	NSX400/630 4P	6	后出线：800/900(4P) 侧出线：1200/1300(4P) Rear outlet: 800/900 (4P) Side outlet: 1200/1300 (4P)



馈电(两个NSX水平安装)
Feeder (Two NSX Horizontal Mounting)

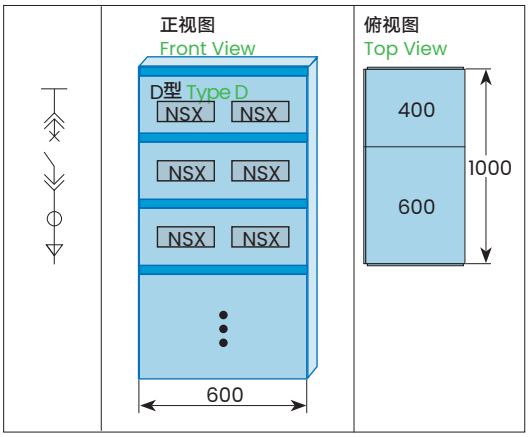
方案编号 Scheme No.	In(A)	主要元件 Main Components	模数 Modules	推荐柜宽(mm) Recommended Cabinet Width (mm)
4K/4L/4M	100/160/250	NSX100/160/250 3P	3	后出线：800(3P) 侧出线：1200(3P) Rear outlet: 800 (3P) Side outlet: 1200 (3P)
4N/4O	100/160/250	NSX100/160/250 4P	4	后出线：800/900(4P) 侧出线：1200/1300(4P) Rear outlet: 800/900 (4P) Side outlet: 1200/1300 (4P)



馈电(单个NSX水平安装)
Feeder (Single NSX Horizontal Mounting)

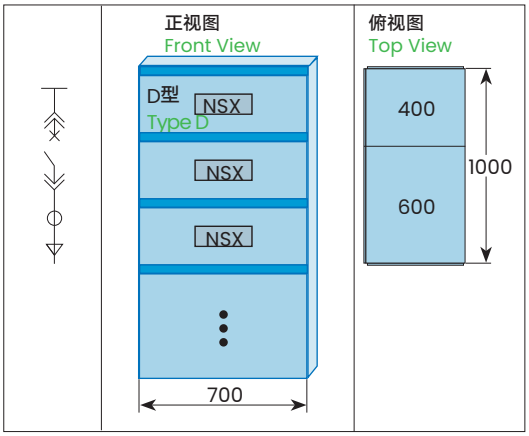
方案编号 Scheme No.	In(A)	主要元件 Main Components	模数 Modules	推荐柜宽(mm) Recommended Cabinet Width (mm)
5A/5B/5C	100/160/250	NSX100/160/250 3P	3	后出线：600(3P) 侧出线：1000(3P) Rear outlet: 600 (3P) Side outlet: 1000 (3P)
5D/5E/5F	400/630	NSX400/630 3P	4	后出线：600(3P) 侧出线：1000(3P) Rear outlet: 600 (3P) Side outlet: 1000 (3P)

一次系统推荐方案
Recommended Primary System Solutions



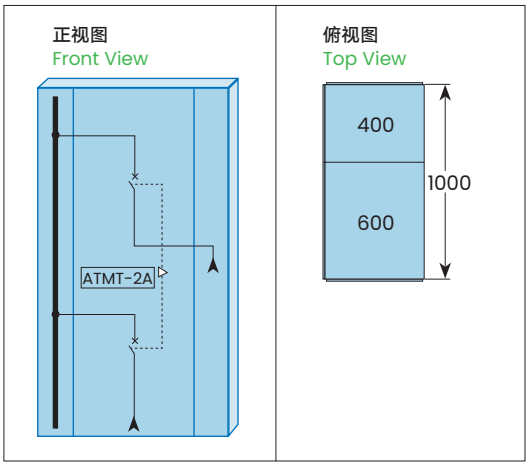
馈电(两个NSX水平安装)
Feeder (Two NSX Horizontal Mounting)

方案编号 Scheme No.	In(A)	主要元件 Main Components	模数 Modules	推荐柜宽(mm) Recommended Cabinet Width (mm)
5G/5H/5I	100/160	NSX100/160 3P	3	后出线：600(3P) Rear outlet: 600 (3P)



馈电(单个NSX水平安装)
Feeder (Single NSX Horizontal Mounting)

方案编号 Scheme No.	In(A)	主要元件 Main Components	模数 Modules	推荐柜宽(mm) Recommended Cabinet Width (mm)
5J/5K/5L	100/160/250	NSX 100/160/250 3P	3	后出线：700(3P/4P) 侧出线：1100(3P/4P) Rear outlet: 700 (3P/4P) Side Outlet: 1100 (3P/4P)
5M/5N/5O	100/160/250	NSX 100/160/250 4P	4	
5P/5Q	400/630	NSX 400/630 3P	4	
5R/5S	400/630	NSX 400/630 4P	6	

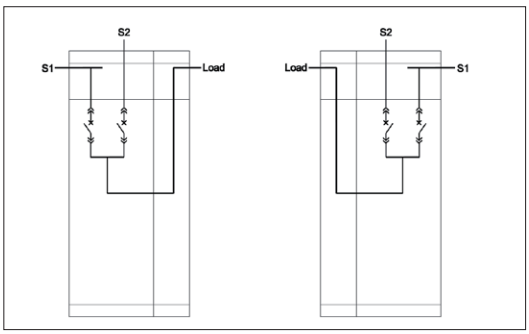


电源转换系统
Power Transfer System

方案编号 Scheme No.	In(A)	主要元件 Main Components	模数 Modules	推荐柜宽(mm) Recommended Cabinet Width (mm)
6A/6B	100-250, 400-630	NSX100-250, NSX400-630	6(1)/12(1)(2) /14(2)	后连接及前连接(5)：700(3P/4P) Rear connection and front connection (5): 700 (3P/4P)
6C/6D/6E	630-1600 800-1600 2000-2500	2*MTZ1/MT06-16N1 2*MTZ2/MT08-16N2, H1, H1b, H2, L1 2*MTZ2/MT20-25N2, H1, H1b, H2, H3, L1	40(4)	后连接：800(3P)，900(4P) 侧连接：1200(3P)，1300(4P) Rear connection: 800 (3P), 900 (4P) Side connection: 1200 (3P), 1300 (4P)
6F	3200-4000	2*MTZ2/MT32-40H1, H1b, H2, H3	80(3)(4)	后连接及前连接(5)：2*600(2*MT32, 3P), 2*700(2*MT32 4P, 2*MT40) Rear connection and front connection (5): 2*600 (2*MT32, 3P), 2*700 (2*MT32 4P, 2*MT40)
6G	4000-6300	2*MTZ3/MT40b-63H1, H2	80(3)(4)	后连接及前连接(5)：2*1200(3P/4P) Rear connection and front connection (5): 2*1200 (3P/4P)

注：
(1)手动切换
(2)自动切换
(3)使用两面柜子完成安装
(4)模数包含水平母线
(5)前连接方案不含侧面电缆室。

Note:
(1) Manual transfer
(2) Automatic transfer
(3) Installation completed with two cabinets
(4) Modules include horizontal busbars
(5) Front connection solutions do not include side cable compartments.



1600A:700+300
3200/4000A:800+400
深度：1000
Depth: 1000

1600A:300+700
3200/4000A:400+800
深度：1000
Depth: 1000

BlokSeT Da 固定式电源转换开关柜
BlokSeT Da Fixed Dual Power Transfer Switchgear Cabinet

BlokSeT Da为双电源转换柜，柜体采用模块化结构
BlokSeT Da有效安装高度为40个模数(每个模数为50mm)，其中包括开关隔室和母线隔室，具体选型表如下:
BlokSeT Da is a dual power transfer cabinet with a modular structure.
BlokSeT Da has an effective installation height of 40 modules (each module is 50mm), including switch compartments and busbar compartments. The specific selection table is as follows:

自动转换开关 Automatic Transfer Switches	In(A)	模数 Modules	推荐柜宽(mm) Recommended Cabinet Width (mm)
WOTPC 1600/2500	1600/2500A	40M	1000
WOTPC 3200/4000	3200/4000A	40M	1200

BlokSeT Ms变频及软起动柜设计说明
BlokSeT Ms Variable Frequency Drive and Soft Starter Cabinet Design Description

- BlokSeT Ms为变频及软起动柜，柜体采用模块化结构
- BlokSeT Ms有效安装高度为40个模数(每个模数为50mm)，其中包括开关隔室和母线隔室，具体尺寸见表 1
- BlokSeT Ms is a variable frequency drive and soft starter cabinet with a modular structure.
- BlokSeT Ms has an effective installation height of 40 modules (each module is 50mm), including switch compartments and busbar compartments. The specific dimensions are shown in Table 1.

表 1 Table 1

水平母线额定电流 Horizontal Busbar Rated Current	1600A < In≤4000A	4000A < In≤6300A
有效高度(模数) Effective Height (Modules)	40	
水平母线(模数) Horizontal Busbars (Modules)	4	6或8
元件安装(模数) Component Installation (Modules)	36	34或32
柜高(mm) Cabinet Height (mm)	2200	
柜宽(mm) Cabinet Width (mm)	600/200+600/200+600+400/400+600/400+1200	
柜深(mm) Cabinet Depth (mm)	600/1000	

- BlokSeT Ms的宽度方面可以根据应用需要灵活配置，它有一个基本框架和多个扩展框架构成，具体尺寸如表2
- The width of BlokSeT Ms can be flexibly configured according to application requirements. It consists of one basic frame and multiple extension frames. The specific dimensions are shown in Table 2.

表2(单位：mm) Table 2 (Unit: mm)

总宽度 Total Width	垂直母线宽度 Vertical Busbar Width	主框架宽度 Main Frame Width	出线电缆室宽度 Outgoing Cable Compartment Width
600		600	
800	200	600	
1000		400+600	
1200	200	600	400
1600		400+1200	

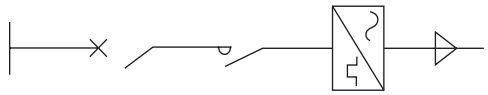
- BlokSeT Ms基本深度为600mm，可以在其基础上增加一个400mm的深度扩展，构成1000mm柜体
- 所有起动方案基本条件为
  - 标准：IEC 801
  - 协调类型：2
  - 使用类别：AC-3 50/60Hz
  - 额定电压：380/415V
- ATV630/930变频柜有4档工作电压等级标准方案：415/440/480/690V
- ATV480软起柜有3档工作电压等级标准方案：400/440/480V
- The basic depth of BlokSeT Ms is 600mm. A 400mm depth extension can be added to form a 1000mm cabinet
  All starter solutions are based on the following basic conditions:
  - Standard: IEC 801
  - Coordination type: 2
  - Utilization category: AC-3 50/60Hz
  - Rated voltage: 380/415V
- ATV630/930 variable frequency drive cabinets have standard solutions for 4 operating voltage levels: 415/440/480/690V
- ATV480 soft starter cabinets have standard solutions for 3 operating voltage levels: 400/440/480V

BlokSeT Ms一次系统推荐方案

Recommended Primary System Solutions for BlokSeT Ms

415V ATV630 变频柜(35°C)

415V ATV630 Variable Frequency Drive Cabinets (35°C)



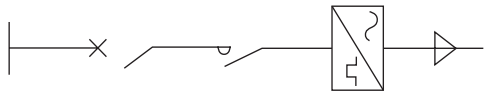
功率 Power (kw)	断路器 Circuit Breaker	变频器输出电流额定值* Rated Output Current of Variable Frequency Drive* (A)	接触器 Contactor	变频器 Variable speed drive	安装模数 (1模=50mm) Installation Modules (1 module = 50 mm)
0.37	GV2 L06	1.1	LC1D09	ATV630U07N4	6
0.55	GV2 L07	1.5	LC1D09	ATV630U07N4	6
0.75	GV2 L07	1.9	LC1D09	ATV630U07N4	6
1.1	GV2 L08	2.7	LC1D18	ATV630U15N4	6
1.5	GV2 L08	3.6	LC1D18	ATV630U15N4	6
2.2	GV2 L10	4.9	LC1D18	ATV630U22N4	6
3	GV2 L14	6.5	LC1D18	ATV630U30N4	6
4	GV2 L14	8.5	LC1D18	ATV630U40N4	6
5.5	GV2 L16	11.5	LC1D25	ATV630U75N4	8
7.5	GV2 L20	15.5	LC1D25	ATV630U75N4	8
9	GV2 L22	18.1	LC1D25	ATV630D11N4	8
11	GV2 L22	22	LC1D25	ATV630D11N4	8
15	GV3 L32	29	LC1D40A	ATV630D15N4	12
18.5	GV3 L40	35	LC1D50A	ATV630D18N4	12
22	GV3 L50	41	LC1D50A	ATV630D22N4	12
30	GV3 L65	55	LC1D65A	ATV630D30N4	18
37	NSX100	66	LC1D80	ATV630D37N4	18
45	NSX100	80	LC1D1156	ATV630D45N4	18
55	NSX100	97	LC1D1156	ATV630D55N4	24
75	NSX160	132	LC1D1506	ATV630D75N4	24
90	NSX250S MA	160	LC1G205C	ATV630D90N4	28
110	NSX250S MA	195	LC1G205C	ATV630C11N4	32
132	NSX400S Mic1.3M	230	LC1G300C	ATV630C13N4	32
160	NSX400S Mic1.3M	280	LC1G300C	ATV630C22N4	32
200	NSX630S Mic1.3M	350	LC1G410C	ATV630C25N4	32
220	NSX630S Mic1.3M	388	LC1G410C	ATV630C25N4	32
250	NSX630S Mic1.3M	430	LC1G475C	ATV630C25N4	32
315	NS800L Mic2.0	540	LC1G620C	ATV630C31N4	32

*：变频器输出电流额定值为415V系统下输出电流额定值。

*: The rated output current of the variable frequency drive is the rated output current under a 415V system.

一次系统推荐方案
Recommended Primary System Solutions

BlokSeT Ms一次系统推荐方案
Recommended Primary System Solutions for BlokSeT Ms
415V ATV930 变频柜(35°C)
415V ATV930 Variable Frequency Drive Cabinets (35°C)



功率 Power (kw)	断路器 Circuit Breaker	变频器输出电流额定值* Rated Output Current of Variable Frequency Drive* (A)	接触器 Contactor	变频器 Variable speed drive	安装模数 (1模=50mm) Installation Modules (1 module = 50 mm)
0.37	GV2 L06	1.1	LC1D09	ATV930U07N4	6
0.55	GV2 L07	1.5	LC1D09	ATV930U07N4	6
0.75	GV2 L07	1.9	LC1D09	ATV930U07N4	6
1.1	GV2 L08	2.7	LC1D18	ATV930U15N4	6
1.5	GV2 L08	3.6	LC1D18	ATV930U15N4	6
2.2	GV2 L10	4.9	LC1D18	ATV930U22N4	6
3	GV2 L14	6.5	LC1D18	ATV930U30N4	6
4	GV2 L14	8.5	LC1D18	ATV930U40N4	6
5.5	GV2 L16	11.5	LC1D25	ATV930U75N4	8
7.5	GV2 L20	15.5	LC1D25	ATV930U75N4	8
9	GV2 L22	18.6	LC1D25	ATV930D11N4	8
11	GV2 L22	22	LC1D25	ATV930D11N4	8
15	GV3 L32	29	LC1D40A	ATV930D15N4	12
18.5	GV3 L40	35	LC1D50A	ATV930D18N4	12
22	GV3 L50	41	LC1D50A	ATV930D22N4	12
30	GV3 L65	55	LC1D65A	ATV930D30N4	18
37	NSX100	66	LC1D80	ATV930D37N4	18
45	NSX100	80	LC1D1156	ATV930D45N4	18
55	NSX100	97	LC1D1156	ATV930D55N4	24
75	NSX160	132	LC1D1506	ATV930D75N4	24
90	NSX250S MA	160	LC1G205C	ATV930D90N4	28
110	NSX250S MA	195	LC1G205C	ATV930C11N4	32
132	NSX400S Mic1.3M	230	LC1G300C	ATV930C13N4	32
160	NSX400S Mic1.3M	280	LC1G300C	ATV930C22N4C	32
200	NSX630S Mic1.3M	350	LC1G410C	ATV930C25N4C	32
220	NSX630S Mic1.3M	388	LC1G410C	ATV930C25N4C	32
250	NSX630S Mic1.3M	430	LC1G475C	ATV930C25N4C	32
315	NS800L Mic2.0	540	LC1G620C	ATV930C31N4C	32

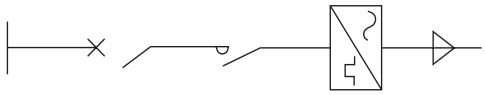
*：变频器输出电流额定值为415V系统下输出电流额定值。
*: The rated output current of the variable frequency drive is the rated output current under a 415V system.

BlokSeT Ms 一次系统推荐方案

BlokSeT Ms Recommended Primary System Solutions

400V ATS480软起柜(35°C)

400V ATS480 Soft Starter Cabinets (35°C)



功率 Power (kw)	分断能力 Breaking Capacity (kA)	断路器 Circuit Breaker	额定值* Rated Value* (A)	接触器 Contactor	软起动器 Soft Starter	安装模数 (1模=50mm) Installation Modules (1 module = 50 mm)
4	100	GV2 L20	8.5	LC1D40A	ATS480D17Y	9
5.5	100	GV2 L20	11.5	LC1D40A	ATS480D17Y	9
7.5	100	GV2 L20	15.5	LC1D40A	ATS480D17Y	9
9	100	GV2 L22	18.1	LC1D40A	ATS480D22Y	9
11	100	GV2 L22	22	LC1D40A	ATS480D22Y	9
15	100	GV2 L32	29	LC1D80	ATS480D32Y	9
18.5	100	GV4 LE50S	35	LC1D65A	ATS480D38Y	9
22	100	GV4 LE50S	41	LC1D65A	ATS480D47Y	9
30	100	GV4 LE80S	55	LC1D80	ATS480D62Y	12
37	100	GV4 LE80S	66	LC1D80	ATS480D75Y	12
37	100	NSX160	66	LC1D1506	ATS480C14Y	18
45	100	NSX160	80	LC1D1506	ATS480C14Y	18
55	100	NSX160	97	LC1D1506	ATS480C14Y	18
75	100	NSX160	132	LC1D1506	ATS480C17Y	18
90	100	NSX250S MA	160	LC1G205C	ATS480C17Y	18
110	100	NSX250S MA	195	LC1G245C	ATS480C21Y	24
132	100	NSX400S Mic1.3M	230	LC1G300C	ATS480C25Y	24
160	100	NSX400S Mic1.3M	280	LC1G300C	ATS480C32Y	24
200	100	NSX630S Mic1.3M	350	LC1G475C	ATS480C41Y	36
220	100	NSX630S Mic1.3M	388	LC1G475C	ATS480C41Y	36
250	100	NSX630S Mic1.3M	430	LC1G475C	ATS480C48Y	36

*：额定电流值为400V系统下额定电流值。

*: The rated current value is the rated current value under a 400V system.

一次系统推荐方案
Recommended Primary System Solutions

BlokSeT Dc 电容柜设计说明
BlokSeT Dc Capacitor Cabinet Design Description

- BlokSeT Dc为电容柜，柜体采用模块化结构
- BlokSeT Dc有效安装高度为40个模数(每个模数为50mm)，具体尺寸见表 1
- BlokSeT Dc is a capacitor cabinet with a modular structure
- BlokSeT Dc has an effective installation height of 40 modules (each module is 50mm). The specific dimensions are shown in Table 1

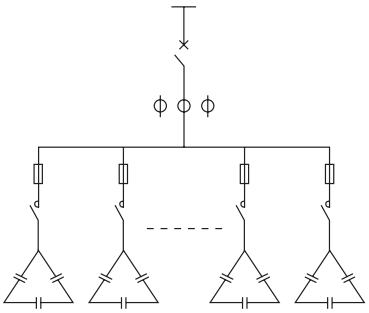
表 1 Table 1

水平母线额定电流 Horizontal Busbar Rated Current	Ie≤4000A	4000A < Ie≤6300A(1)
有效高度(模数) Effective Height (Modules)	40	
水平母线(模数) Horizontal Busbar (Modules)	4	6或8 6 or 8
元件室高度(模数) Device Compartment Height (Modules)	36	34或32 34 or 32
柜高(mm) Height (mm)	2200	
柜宽(mm) Width (mm)	600/800(1)/1000(2)	
柜深(mm) Depth (mm)	600/1000	

(1) 800mm柜宽：静止无功补偿方案
(2) 1000mm柜宽由600mm+400mm组成，其中400mm柜宽用于放置电抗器
(1) 800mm cabinet width: For static var compensation solutions
(2) 1000mm cabinet width consists of 600mm + 400mm. The 400mm width is used for reactor installation

- 最大安装容量(AC400V/50Hz)：
  (1) 无功补偿柜：自然通风200kvar，强制通风400kvar
  (2) 静止无功补偿：自然通风/强制通风 600kvar
  (3) 静止无功补偿+电容电抗无功补偿：
  单水平排400kvar：SVG100kvar+电容电抗300kvar
  双水平排350kvar：SVG100kvar+电容电抗250kvar
- Maximum Installation Capacity (AC400V/50Hz):
  (1) Power Factor Correction Cabinet: 200kvar (natural ventilation), 400kvar (forced ventilation)
  (2) Static Var Compensation: 600kvar (natural ventilation / forced ventilation)
  (3) Static Var Compensation + Capacitor-Reactor Power Factor Compensation:
  Single horizontal busbar 400kvar: SVG 100kvar + Capacitor-Reactor 300kvar
  Double horizontal busbar 350kvar: SVG 100kvar + Capacitor-Reactor 250kvar

无功补偿
Power Factor Compensation



补偿能力 Compensation Capacity (Kvar)	主开关 Main Switch	投切回路 Switching Circuits		通风类型 Ventilation Type	安装模数 Installation Modules
		接触器 Contactor	熔断器 Fuse		
175	NSX400/GSD630	7 x LC1-DMK	7 x ISFT100	自然通风 Natural Ventilation	32
200	NSX630/GSD630	8 x LC1-DMK	8 x ISFT100	自然通风 Natural Ventilation	32
225	NSX630/GSD630	1 x LC1DWK + 7 x LC1DMK	1 x ISFT160 + 7 x ISFT100	强制通风 Forced Ventilation	32
250	NSX630/GSD800	2 x LC1DWK + 6 x LC1DMK	2 x ISFT160 + 6 x ISFT100	强制通风 Forced Ventilation	32
275	NSX630/GSD800	3 x LC1DWK + 5 x LC1DMK	2 x ISFT160 + 6 x ISFT100	强制通风 Forced Ventilation	32
300	NS800	4 x LC1DWK + 4 x LC1DMK	4 x ISFT160 + 4 x ISFT100	强制通风 Forced Ventilation	32
325	NS800	5 x LC1DWK + 3 x LC1DMK	5 x ISFT160 + 3 x ISFT100	强制通风 Forced Ventilation	32
350	NS800	6 x LC1DWK + 2 x LC1DMK	6 x ISFT160 + 2 x ISFT100	强制通风 Forced Ventilation	32
375	NS1000	7 x LC1DWK + 1 x LC1DMK	7 x ISFT160 + 1 x ISFT100	强制通风 Forced Ventilation	32
400	NS1000	7 x LC1DWK + 2 x LC1DMK	7 x ISFT160 + 2 x ISFT100	强制通风 Forced Ventilation	32

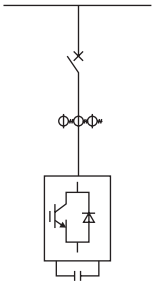
一次系统推荐方案
Recommended Primary System Solutions

静止无功补偿 IP31/40/41/42/54 400V/50Hz

Static Var Compensation IP31/40/41/42/54 400V/50Hz

柜宽：800mm 柜深：1000mm

Cabinet width: 800mm Cabinet depth: 1000mm



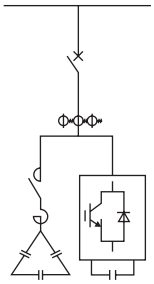
单柜额定无功功率 Rated Reactive Power per Cabinet (kvar)	无功功率补偿器 Var Compensator	每个无功功率补偿器功率 Power per Var Compensator	无功功率补偿器数量 Number of Var Compensators	主开关 Main Switch	接触器型号 Contactor Model	熔断器型号 Fuse Model	通风类型 Ventilation Type
50	PQU050R	50	1	NSX100	无	无	自然通风/强制通风 Natural Ventilation / Forced Ventilation
100	PQU100R	100	1	NSX250	无	无	
150	PQU150R	50+100	1+1	NSX400	无	无	
200	PQU200R	100	2	NSX630	无	无	
250	PQU250R	50+100	1+2	NSX630	无	无	
300	PQU300R	100	3	NS800	无	无	
350	PQU350R	50+100	1+3	NS800	无	无	强制通风 Forced Ventilation
400	PQU400R	100	4	NS800	无	无	
450	PQU450R	50+100	1+4	NS1000	无	无	
500	PQU500R	100	5	NS1000	无	无	
550	PQU550R	50+100	1+5	NS1250	无	无	
600	PQU600R	100	6	NS1250	无	无	

静止无功补偿+电容电抗无功补偿 IP31/40/41/42/54 400V/50Hz

Static Var Compensation + Capacitor-Reactor Power Factor Compensation IP31/40/41/42/54 400V/50Hz

柜宽：800mm 柜深：1000mm

Cabinet width: 800mm Cabinet depth: 1000mm



单柜额定无功功率 Rated Reactive Power per Cabinet (kvar)	无功功率补偿器 Var Compensator	每个无功功率补偿器功率 Power per Var Compensator	无功功率补偿器数量 Number of Var Compensators	主开关 Main Switch	接触器型号 Contactor Model	熔断器型号 Fuse Model	通风类型 Ventilation Type
100	PQU050R + BLRCH339A407B48	50+25	1+2	NSX400	LC1DWK	ISFT160	强制通风 Forced Ventilation
150	PQU050R + BLRCH339A407B48	50+25	1+4	NSX400	2 x LC1DWK	2 x ISFT160	
150	PQU100R + BLRCH339A407B48	100+25	1+2	NSX400	LC1DWK	ISFT160	
200	PQU050R + BLRCH339A407B48	50+25	1+6	NSX630	3 x LC1DWK	3 x ISFT160	
200	PQU100R + BLRCH339A407B48	100+25	1+12	NSX630	6 x LC1DWK	6 x ISFT160	
250	PQU050R + BLRCH339A407B48	50+25	1+8	NS800	4 x LC1DWK	4 x ISFT160	
250	PQU100R + BLRCH339A407B48	100+25	1+6	NS800	3 x LC1DWK	3 x ISFT160	
300	PQU050R + BLRCH339A407B48	50+25	1+10	NS800	5 x LC1DWK	5 x ISFT160	
300	PQU100R + BLRCH339A407B48	100+25	1+8	NS800	4 x LC1DWK	4 x ISFT160	
350	PQU050R + BLRCH339A407B48	50+25	1+12	NS1000	6 x LC1DWK	6 x ISFT160	
350	PQU100R + BLRCH339A407B48	100+25	1+10	NS1000	5 x LC1DWK	5 x ISFT160	
400	PQU100R + BLRCH339A407B48	100+25	1+12	NS1000	6 x LC1DWK	6 x ISFT160	

一次系统推荐方案
Recommended Primary System Solutions

BlokSeT Dp 有源滤波柜设计说明
BlokSeT Dp Active Power Filter Cabinet Design Description

- BlokSeT Dp柜体采用模块化结构
- BlokSeT Dp有效安装高度为40个模数（每个模数为50mm），具体尺寸见表1
- BlokSeT Dp cabinet adopts a modular structure
- BlokSeT Dp has an effective installation height of 40 modules (each module is 50mm). The specific dimensions are shown in Table 1

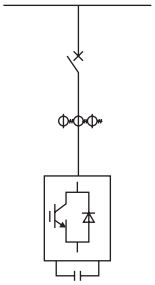
表 1 Table 1

水平母线额定电流 Horizontal Busbar Rated Current	Ie≤4000A	4000A < Ie≤6300A
有效高度(模数) Effective Height (Modules)	40	
水平母线(模数) Horizontal Busbar (Modules)	4	6或8 6 or 8
元件室高度(模数) Device Compartment Height (Modules)	36	34或32 34 or 32
柜高(mm) Height (mm)	2200	
柜宽(mm) Width (mm)	纯有源滤波600mm (有源滤波+无功补偿1000mm) 600mm for pure active power filtering (1000mm for active power filtering + power factor compensation)	
柜深(mm) Depth (mm)	1000	

- 最大安装容量：
  (1) 有源滤波：自然通风/强制通风 600A
  (2) 有源滤波+电容电抗无功补偿：有源滤波150A+电容电抗300kvar
- Maximum Installation Capacity:
  (1) Active Power Filtering: 600A (natural ventilation / forced ventilation)
  (2) Active Power Filtering + Capacitor-Reactor Power Factor Compensation: 150A active power filtering + 300kvar capacitor-reactor

有源滤波补偿 IP31/40/41/42/54 400V/50Hz
Active Power Filter Compensation IP31/40/41/42/54 400V/50Hz

柜宽：600mm 柜深：1000mm
Cabinet width: 600mm Cabinet depth: 1000mm

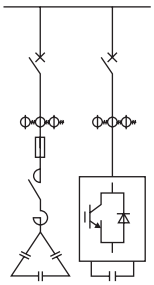


谐波补偿电流 Harmonic Compensation Current (A)	有源滤波模块组 Active Power Filter Module Set	主开关 Main Switch	通风类型 Ventilation Type
50	PCSU050R400 x 1	NSX100	自然通风/强制通风 Natural Ventilation / Forced Ventilation
100	PCSU100R400 x 1	NSX160	自然通风/强制通风 Natural Ventilation / Forced Ventilation
150	PCSU150R400 x 1	NSX250	自然通风/强制通风 Natural Ventilation / Forced Ventilation
200	PCSU100R400 x 2	NSX400	自然通风/强制通风 Natural Ventilation / Forced Ventilation
250	PCSU150R400 x 1 + PCSU100R400 x 1	NSX400	自然通风/强制通风 Natural Ventilation / Forced Ventilation
300	PCSU150R400 x 2	NSX630	自然通风/强制通风 Natural Ventilation / Forced Ventilation
350	PCSU150R400 x 1 + PCSU100R400 x 2	NSX630	自然通风/强制通风 Natural Ventilation / Forced Ventilation
400	PCSU150R400 x 2 + PCSU100R400 x 1	NSX630	自然通风/强制通风 Natural Ventilation / Forced Ventilation
450	PCSU150R400 x 3	NS800	自然通风/强制通风 Natural Ventilation / Forced Ventilation
500	PCSU150R400 x 2 + PCSU100R400 x 2	NS800	自然通风/强制通风 Natural Ventilation / Forced Ventilation
550	PCSU150R400 x 3 + PCSU100R400 x 1	NS1000	自然通风/强制通风 Natural Ventilation / Forced Ventilation
600	PCSU150R400 x 4	NS1000	自然通风/强制通风 Natural Ventilation / Forced Ventilation

一次系统推荐方案
Recommended Primary System Solutions

有源滤波补偿 IP31/40/41/42/54 400V/50Hz
Active Power Filter Compensation IP31/40/41/42/54 400V/50Hz

柜宽：1000mm 柜深：1000mm
Cabinet width: 1000mm Cabinet depth: 1000mm



谐波补偿电流 Harmonic Compen-sation Current (A)	无功补偿 Reactive Power Compen-satio (kvar)	有源滤波模块组 Active Power Filter Module Set	APF开关 APF Switch	主开关 Main Switch	接触器型号 Contactor Model	熔断器型号 Fuse Model	通风类型 Ventilation Type
50	175	PCSU050R400 x 1	NSX100	NSX630	3 x LC1DWK + LC1DMK	3 x ISFT160 + ISFT100	强制通风 Forced Ventilation
50	200	PCSU050R400 x 1	NSX100	NSX630	3 x LC1DWK + 2 x LC1DMK	3 x ISFT160 + 2 x ISFT100	强制通风 Forced Ventilation
50	225	PCSU050R400 x 1	NSX100	NSX630	4 x LC1DWK + LC1DMK	4 x ISFT160 + ISFT100	强制通风 Forced Ventilation
50	250	PCSU050R400 x 1	NSX100	NSX630	4 x LC1DWK + 2 x LC1DMK	4 x ISFT160 + 2 x ISFT100	强制通风 Forced Ventilation
50	275	PCSU050R400 x 1	NSX100	NS800	5 x LC1DWK + LC1DMK	5 x ISFT160 + ISFT100	强制通风 Forced Ventilation
50	300	PCSU050R400 x 1	NSX100	NS800	5 x LC1DWK + 2 x LC1DMK	5 x ISFT160 + 2 x ISFT100	强制通风 Forced Ventilation
100	175	PCSU100R400 x 1	NSX160	NSX630	3 x LC1DWK + LC1DMK	3 x ISFT160 + ISFT100	强制通风 Forced Ventilation
100	200	PCSU100R400 x 1	NSX160	NSX630	3 x LC1DWK + 2 x LC1DMK	3 x ISFT160 + 2 x ISFT100	强制通风 Forced Ventilation
100	225	PCSU100R400 x 1	NSX160	NSX630	4 x LC1DWK + LC1DMK	4 x ISFT160 + ISFT100	强制通风 Forced Ventilation
100	250	PCSU100R400 x 1	NSX160	NSX630	4 x LC1DWK + 2 x LC1DMK	4 x ISFT160 + 2 x ISFT100	强制通风 Forced Ventilation
100	275	PCSU100R400 x 1	NSX160	NS800	5 x LC1DWK + LC1DMK	5 x ISFT160 + ISFT100	强制通风 Forced Ventilation
100	300	PCSU100R400 x 1	NSX160	NS800	5 x LC1DWK + 2 x LC1DMK	5 x ISFT160 + 2 x ISFT100	强制通风 Forced Ventilation
150	175	PCSU150R400 x 1	NSX250	NSX630	3 x LC1DWK + LC1DMK	3 x ISFT160 + ISFT100	强制通风 Forced Ventilation
150	200	PCSU150R400 x 1	NSX250	NSX630	3 x LC1DWK + 2 x LC1DMK	3 x ISFT160 + 2 x ISFT100	强制通风 Forced Ventilation
150	225	PCSU150R400 x 1	NSX250	NSX630	4 x LC1DWK + LC1DMK	4 x ISFT160 + ISFT100	强制通风 Forced Ventilation
150	250	PCSU150R400 x 1	NSX250	NSX630	4 x LC1DWK + 2 x LC1DMK	4 x ISFT160 + 2 x ISFT100	强制通风 Forced Ventilation
150	275	PCSU150R400 x 1	NSX250	NS800	5 x LC1DWK + LC1DMK	5 x ISFT160 + ISFT100	强制通风 Forced Ventilation
150	300	PCSU150R400 x 1	NSX250	NS800	5 x LC1DWK + 2 x LC1DMK	5 x ISFT160 + 2 x ISFT100	强制通风 Forced Ventilation

BlokSeT Mx抽屉柜设计说明
BlokSeT Mx Drawer Cabinet Design Description

- BlokSeT Mx为抽屉柜，柜体采用模块化结构，基本模数为4M/2,2M,3M,4M,6M,8M,9M
- BlokSeT Mx目前有3种可选保护方案：
  - PCC配电方案
  - MCC马达控制方案
  - MCC马达管理控制方案
- BlokSeT Mx有效安装高度为40个模数(每个模数为50mm)，其中包括开关隔室和母线隔室，具体尺寸见表 1
- BlokSeT Mx is a drawer cabinet with a modular structure. Its basic modules are 4M/2, 2M, 3M, 4M, 6M, 8M and 9M
- BlokSeT Mx currently offers 3 optional protection solutions:
  - PCC Power Distribution Solution
  - MCC Motor Control Solution
  - MCC Motor Management and Control Solution
- BlokSeT Mx has an effective installation height of 40 modules (each module is 50mm), including switch compartments and busbar compartments. The specific dimensions are shown in Table 1

表 1 Table 1

水平母线额定电流 Horizontal Busbar Rated Current	In≤4000A	4000A < In≤6300A
有效高度(模数) Effective Height (Modules)	40	
水平母线(模数) Horizontal Busbar (Modules)	4	6或8 6 or 8
元件安装(模数) Component Installation (Modules)	36	34或32 34 or 32
柜高(mm) Height (mm)	2200*	
柜宽(mm) Width (mm)	(1) 后接线：600；(2) 前接线：1000 (1) Rear wiring: 600; (2) Front wiring: 1000	
柜深(mm) Depth (mm)	1000	

- 所有启动方案基本条件为
  - 标准：IEC 60947-4
  - 协调类型：2
  - 使用类别：AC-3 50/60HZ
  - 额定电压：380/415/690V
- 每个抽屉最多可装3组二次接插件，共30个点

*：如有其他方案需求请咨询施耐德电气市场部

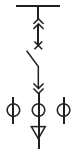
- All starter solutions are based on the following basic conditions:
  - Standard: IEC 60947-4
  - Coordination type: 2
  - Utilization category: AC-3 50/60Hz
  - Rated voltage: 380/415/690V
- Each drawer can accommodate up to 3 sets of secondary connectors, totaling 30 points.

* For other solution requirements, please contact SE Marketing Department

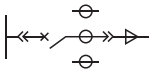
一次系统推荐方案
Recommended Primary System Solutions

一次系统推荐方案 PCC配电方案
Recommended Primary System Solutions PCC

环境温度 / Ambient temperature：35°C
电压 / Voltage (V)：380/415/690



开关型号 Circuit-breaker	安装模数 Modules	安装位置 Installation location
NS630b - 1600	9M	顶部/中部/底部 Top / Middle / Bottom
MT/MTZ1 06 - 16	9M	顶部/中部/底部 Top / Middle / Bottom
MT/MTZ2 08 - 16	15M	顶部 Top



断路器规格** Circuit-breaker**	电压(V) Voltage (V)	脱扣器 Trip unit	电流互感器 CT (3)	抽屉模数(1M=50mm) Modules (1M=50mm)
NSX100m 3P/4P	380/415	TMD63	3*BH-0.66CT	4M/2
NSX100 3P/4P	380/415	TMD63	3*BH-0.66CT	4M/2
NSX100m 3P	380/415	TMD100	3*BH-0.66CT	3M
NSX100 3P	380/415	TMD100	3*BH-0.66CT	3M
NSX160m 3P	380/415	TMD160	3*BH-0.66CT	3M
NSX160 3P	380/415	TMD160	3*BH-0.66CT	3M
NSX250 3P*	380/415	TMD250	3*BH-0.66CT	3M
NSX100m 4P	380/415	TMD100	3*BH-0.66CT	4M
NSX100 4P	380/415	TMD100	3*BH-0.66CT	4M
NSX160m 4P	380/415	TMD160	3*BH-0.66CT	4M
NSX160 4P	380/415	TMD160	3*BH-0.66CT	4M
NSX250 4P	380/415	TMD250	3*BH-0.66CT	4M
NSX400 3P	380/415	MIC2.3	3*BH-0.66CT	6M
NSX630 3P	380/415	MIC2.3	3*BH-0.66CT	6M
NSX400 4P	380/415	MIC2.3	3*BH-0.66CT	6M
NSX630 4P	380/415	MIC2.3	3*BH-0.66CT	6M
NSX400 4P	380/415	MIC2.3	3*BH-0.66CT	8M
NSX630 4P	380/415	MIC2.3	3*BH-0.66CT	8M
NSX100 3P/4P	690V	TMD100	3*0.66CT	4M
NSX250 3P/4P	690V	TMD250	3*0.66CT	4M
NSX400 3P/4P	690V	MIC2.3	3*0.66CT	6M

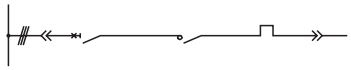
*：当安装线路保护器时，NSX250 3P抽屉模数需要4M。
**：NSX100-630 可搭配PowerTag NSX塑壳无线测量诊断模块方案替代电流互感器加表计方案。
*：When installing line protectors, the NSX250 3P drawer module requires 4M.
**：NSX100-630 can be paired with PowerTag NSX plastic shell wireless measurement and diagnostic module solution to replace current transformer and meter solution.

一次系统推荐方案 MCC马达控制方案

A system-recommended solution: MCC motor control solution

Mx MCC马达控制方案 380/415V 配合类型二 直接启动 35°

Mx MCC motor control scheme 380/415V coordination type 2 direct start 35°






GV2L

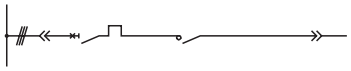
马达功率(kW) Motor power (kW)	额定电流(A) In(A)	断路器 Circuit-breaker	接触器 Contactor	热保护继电器 Thermal relay	安装模数 Modules		
0.37	1.1	GV2L05	LC1-D09…C	LRD05C	4M/2	2M	3M*
0.55	1.6	GV2L06	LC1-D09…C	LRD06C	4M/2	2M	3M*
0.75	1.9	GV2L07	LC1-D09…C	LRD07C	4M/2	2M	3M*
1.1	2.7	GV2L08	LC1-D09…C	LRD08C	4M/2	2M	3M*
1.5	3.6	GV2L08	LC1-D09…C	LRD08C	4M/2	2M	3M*
2.2	5.2	GV2L10	LC1-D09…C	LRD10C	4M/2	2M	3M*
3	6.8	GV2L14	LC1-D09…C	LRD12C	4M/2	2M	3M*
4	8.5	GV2L14	LC1-D18…C	LRD14C	4M/2	2M	3M*
5.5	12	GV2L16	LC1-D25…C	LRD16C	4M/2	2M	3M*
7.5	15.5	GV2L20	LC1-D25…C	LRD21C	4M/2	2M	3M*
9	22	GV2L22	LC1-D32…C	LRD22C	4M/2	2M	3M*
11	22	GV2L22	LC1-D32…C	LRD22C	4M/2	2M	3M*

*：考虑装配空间优化，提供大模数方案可选。

*：Consider optimizing assembly space and providing options for large module solutions.

Mx MCC马达控制方案 380/415V 配合类型二 直接启动 35°

Mx MCC motor control scheme 380/415V coordination type 2 direct start 35°





GV2PM

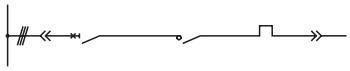
马达功率(kW) Motor power (kW)	额定电流(A) In(A)	断路器 Circuit-breaker	接触器 Contactor	热保护继电器 Thermal relay	安装模数 Modules		
0.37	1.1	GV2PM05C	LC1-D09…C		4M/2	2M	3M*
0.55	1.6	GV2PM06C	LC1-D09…C		4M/2	2M	3M*
0.75	1.9	GV2PM07C	LC1-D09…C		4M/2	2M	3M*
1.1	2.7	GV2PM08C	LC1-D09…C		4M/2	2M	3M*
1.5	3.6	GV2PM08C	LC1-D09…C		4M/2	2M	3M*
2.2	5.2	GV2PM10C	LC1-D09…C		4M/2	2M	3M*
3	6.8	GV2PM14C	LC1-D09…C		4M/2	2M	3M*
4	8.5	GV2PM14C	LC1-D18…C		4M/2	2M	3M*
5.5	12	GV2PM16C	LC1-D25…C		4M/2	2M	3M*
7.5	15.5	GV2PM20C	LC1-D25…C		4M/2	2M	3M*
9	22	GV2PM22C	LC1-D32…C		4M/2	2M	3M*
11	22	GV2PM22C	LC1-D32…C		4M/2	2M	3M*

*：考虑装配空间优化，提供大模数方案可选。

*：Consider optimizing assembly space and providing options for large module solutions.

一次系统推荐方案
Recommended Primary System Solutions

Mx MCC马达控制方案 380/415V 配合类型二 直接启动 35°
Mx MCC motor control scheme 380/415V coordination type 2 direct start 35°

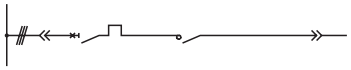





GV4LE							
马达功率(kW) Motor power (kW)	额定电流(A) In(A)	断路器 Circuit-breaker	接触器 Contactor	热保护继电器 Thermal relay	安装模数 Modules		
0.18	0.63	GV4LE02	LC1-D09···C	LRD05C	4M/2	3M	
0.25	0.89	GV4LE02	LC1-D09···C	LRD05C	4M/2	3M	
0.37	1.1	GV4LE02	LC1-D09···C	LRD06C	4M/2	3M	
0.55	1.5	GV4LE02	LC1-D09···C	LRD06C	4M/2	3M	
0.75	1.9	GV4LE03	LC1-D09···C	LRD07C	4M/2	3M	
1.1	2.7	GV4LE03	LC1-D25···C	LRD08C	4M/2	3M	
1.5	3.6	GV4LE07	LC1-D40A···C	LRD08C	4M/2	3M	
2.2	5.2	GV4LE07	LC1-D40A···C	LRD10C	4M/2	3M	
3	6.8	GV4LE12	LC1-D40A···C	LRD12C	4M/2	3M	
4	8.5	GV4LE12	LC1-D65A···C	LRD12C	4M/2	3M	
5.5	11.5	GV4LE12	LC1-D65A···C	LRD313	4M/2	3M	
7.5	15.5	GV4LE25	LC1-D65A···C	LRD318	4M/2	3M	
10	19	GV4LE25	LC1-D65A···C	LRD325C	4M/2	3M	
11	22	GV4LE25	LC1-D65A···C	LRD325C	4M/2	3M	
15	29	GV4LE50	LC1-D65A···C	LRD332C	4M/2	3M	
18.5	35	GV4LE50	LC1-D65A···C	LRD340C	4M/2	3M	
22	41	GV4LE50	LC1-D65A···C	LRD350C	4M/2	3M	
30	59	GV4LE80	LC1-D65A···C	LRD365C	3M		
37	66	GV4LE80	LC1-D80···C	LRD3363C	3M		
45	80	GV4LE115	LC1-D1156···C	LRD05C+CT	3M		
55	97	GV4LE115	LC1-D1156···C	LRD05C+CT	3M		

Mx MCC马达控制方案 380/415V 配合类型二 直接启动 35°

Mx MCC motor control scheme 380/415V coordination type 2 direct start 35°



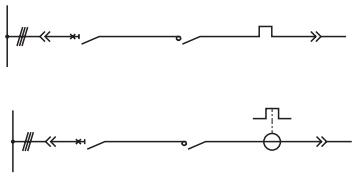




GV4PE							
马达功率(kW) Motor power (kW)	额定电流(A) In(A)	断路器 Circuit-breaker	接触器 Contactor	热保护继电器 Thermal relay	安装模数 Modules		
0.18	0.63	GV4PE02	LC1-D25···C		4M/2	3M	
0.25	0.89	GV4PE02	LC1-D25···C		4M/2	3M	
0.37	1.1	GV4PE02	LC1-D25···C		4M/2	3M	
0.55	1.5	GV4PE02	LC1-D25···C		4M/2	3M	
0.75	1.9	GV4PE03	LC1-D25···C		4M/2	3M	
1.1	2.7	GV4PE03	LC1-D32···C		4M/2	3M	
1.5	3.6	GV4PE07	LC1-D50A···C		4M/2	3M	
2.2	4.9	GV4PE07	LC1-D50A···C		4M/2	3M	
3	6.5	GV4PE12	LC1-D50A···C		4M/2	3M	
4	8.5	GV4PE12	LC1-D50A···C		4M/2	3M	
5.5	11.5	GV4PE12	LC1-D50A···C		4M/2	3M	
7.5	15.5	GV4PE25	LC1-D65A···C		4M/2	3M	
10	19	GV4PE25	LC1-D65A···C		4M/2	3M	
11	22	GV4PE25	LC1-D65A···C		4M/2	3M	
15	29	GV4PE50	LC1-D65A···C		4M/2	3M	
18.5	35	GV4PE50	LC1-D65A···C		4M/2	3M	
22	41	GV4PE50	LC1-D65A···C		4M/2	3M	
30	59	GV4PE80	LC1-D65A···C		3M		
37	66	GV4PE80	LC1-D80···C		3M		
45	80	GV4PE115	LC1-D1156···C		3M		
55	97	GV4PE115	LC1-D1156···C		3M		

一次系统推荐方案
Recommended Primary System Solutions

Mx MCC马达控制方案 380/415V 配合类型二 直接启动 35°
Mx MCC motor control scheme 380/415V coordination type 2 direct start 35°





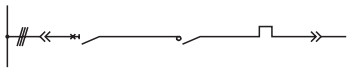


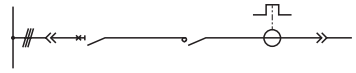


NSX 100m-160m							
马达功率(kW) Motor power (kW)	额定电流(A) In(A)	断路器 Circuit-breaker	接触器 Contactor	热保护继电器 Thermal relay	安装模数 Modules		
0.18	0.63	NSX100m MA	LC1-D09···C	LRD05C	4M/2	3M	
0.25	0.89	NSX100m MA	LC1-D09···C	LRD05C	4M/2	3M	
0.37	1.1	NSX100m MA	LC1-D09···C	LRD06C	4M/2	3M	
0.55	1.5	NSX100m MA	LC1-D09···C	LRD06C	4M/2	3M	
0.75	1.9	NSX100m MA	LC1-D09···C	LRD07C	4M/2	3M	
1.1	2.7	NSX100m MA	LC1-D25···C	LRD08C	4M/2	3M	
1.5	3.6	NSX100m MA	LC1-D40A···C	LRD08C	4M/2	3M	
2.2	4.9	NSX100m MA	LC1-D40A···C	LRD10C	4M/2	3M	
3	6.5	NSX100m MA	LC1-D40A···C	LRD12C	4M/2	3M	
4	8.5	NSX100m MA	LC1-D65A···C	LRD12C	4M/2	3M	
5.5	11.5	NSX100m MA	LC1-D65A···C	LRD313	4M/2	3M	
7.5	15.5	NSX100m MA	LC1-D65A···C	LRD318	4M/2	3M	
10	19	NSX100m MA	LC1-D65A···C	LRD325C	4M/2	3M	
11	22	NSX100m MA	LC1-D65A···C	LRD325C	4M/2	3M	
15	29	NSX100m MA	LC1-D65A···C	LRD332C	4M/2	3M	
18.5	35	NSX100m MA	LC1-D65A···C	LRD340C	4M/2	3M	
22	41	NSX100m MA	LC1-D65A···C	LRD350C	4M/2	3M	
30	59	NSX100m MA	LC1-D65A···C	LRD365C	3M		
37	66	NSX100m MA	LC1-D80···C	LRD3363C	3M		
45	80	NSX160m MA	LC1-D1156···C	LRD05C+CT	3M		
55	97	NSX160m MA	LC1-D1156···C	LRD05C+CT	3M		

Mx MCC马达控制方案 380/415V 配合类型二 直接启动 35°

Mx MCC motor control scheme 380/415V coordination type 2 direct start 35°



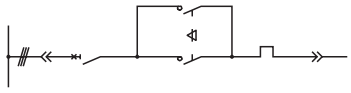




NSX 100-630							
马达功率(kW) Motor power (kW)	额定电流(A) In(A)	断路器 Circuit-breaker	接触器 Contactor	热保护继电器 Thermal relay	安装模数 Modules		
0.37	1.1	NSX100-MA	LC1-D09…C	LRD06C	3M		
0.55	1.5	NSX100-MA	LC1-D09…C	LRD07C	3M		
0.75	1.9	NSX100-MA	LC1-D09…C	LRD07C	3M		
1.1	2.7	NSX100-MA	LC1-D12…C	LRD08C	3M		
1.5	3.6	NSX100-MA	LC1-D18…C	LRD08C	3M		
2.2	4.9	NSX100-MA	LC1-D32…C	LRD10C	3M		
3	6.5	NSX100-MA	LC1-D40A…C	LRD12C	3M		
4	8.5	NSX100-MA	LC1-D40A…C	LRD14C	3M		
5.5	11.5	NSX100-MA	LC1-D40A…C	LRD16C	3M		
7.5	15.5	NSX100-MA	LC1-D40A…C	LRD21C	3M		
9	22	NSX100-MA	LC1-D40A…C	LRD325C	3M		
11	22	NSX100-MA	LC1-D40A…C	LRD325C	3M		
15	29	NSX100-MA	LC1-D65A…C	LRD332C	3M		
18.5	35	NSX100-MA	LC1-D65A…C	LRD350C	3M		
22	41	NSX100-MA	LC1-D65A…C	LRD350C	3M		
30	59	NSX100-MA	LC1-D80…C	LRD3359C	3M		
37	66	NSX100-MA	LC1-D95…C	LRD3363C	3M		
45	80	NSX100-MA/MIC	LC1-D1156…C	LRD05C+CT	4M		
55	97	NSX160-MA/MIC	LC1-D1156…C	LRD05C+CT	6M		
75	135	NSX160-MA/MIC	LC1-G205…C	LRD05C + CT	6M		
75	135	NSX250-MA/MIC	LC1-D1506…C	LRD05C+CT	6M		
90	160	NSX250-MA/MIC	LC1-G205…C	LRD05C + CT	8M		
110	195	NSX250-MA/MIC	LC1-G205…C	LRD05C + CT	8M		
132	230	NSX400-MIC	LC1-G245…C	LRD05C + CT	8M		
160	280	NSX400-MIC	LC1-G300…C	LRD05C + CT	8M		
200	350	NSX630-MIC	LC1-G410…C	LRD05C + CT	8M		
220	388	NSX630-MIC	LC1-G410…C	LRD05C + CT	9M		
250	430	NSX630-MIC	LC1-G475…C	LRD05C + CT	9M		

一次系统推荐方案
Recommended Primary System Solutions

Mx MCC马达控制方案 380/415V 配合类型二 REV正反转 35°
Mx MCC motor control scheme 380/415V with type two REV forward and reverse rotation of 35°

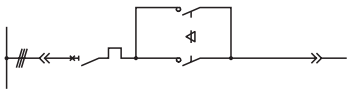





GV2L

马达功率(kW) Motor power (kW)	额定电流(A) In(A)	断路器 Circuit-breaker	接触器 Contactor	热保护继电器 Thermal relay	安装模数 Modules		
0.37	1.1	GV2L05	2 x LC1-D09···C	LRD05C	3M		
0.55	1.5	GV2L06	2 x LC1-D09···C	LRD06C	3M		
0.75	1.9	GV2L07	2 x LC1-D09···C	LRD07C	3M		
1.1	2.7	GV2L08	2 x LC1-D09···C	LRD08C	3M		
1.5	3.6	GV2L08	2 x LC1-D09···C	LRD08C	3M		
2.2	4.9	GV2L10	2 x LC1-D09···C	LRD10C	3M		
3	6.5	GV2L14	2 x LC1-D09···C	LRD12C	3M		
4	8.5	GV2L14	2 x LC1-D18···C	LRD14C	3M		
5.5	11.5	GV2L16	2 x LC1-D25···C	LRD16C	3M		
7.5	15.5	GV2L20	2 x LC1-D25···C	LRD21C	3M		
9	22	GV2L22	2 x LC1-D32···C	LRD22C	3M		
11	22	GV2L22	2 x LC1-D32···C	LRD22C	3M		

Mx MCC马达控制方案 380/415V 配合类型二 REV正反转 35°
Mx MCC motor control scheme 380/415V with type two REV forward and reverse rotation of 35°



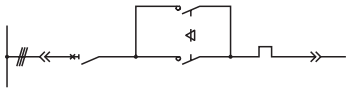


GV2PM

马达功率(kW) Motor power (kW)	额定电流(A) In(A)	断路器 Circuit-breaker	接触器 Contactor	热保护继电器 Thermal relay	安装模数 Modules		
0.37	1.1	GV2PM05C	2 x LC1-D09···C		3M		
0.55	1.5	GV2PM06C	2 x LC1-D09···C		3M		
0.75	1.9	GV2PM07C	2 x LC1-D09···C		3M		
1.1	2.7	GV2PM08C	2 x LC1-D09···C		3M		
1.5	3.6	GV2PM08C	2 x LC1-D09···C		3M		
2.2	4.9	GV2PM10C	2 x LC1-D09···C		3M		
3	6.5	GV2PM14C	2 x LC1-D09···C		3M		
4	8.5	GV2PM14C	2 x LC1-D18···C		3M		
5.5	11.5	GV2PM16C	2 x LC1-D25···C		3M		
7.5	15.5	GV2PM20C	2 x LC1-D25···C		3M		
9	22	GV2PM22C	2 x LC1-D32···C		3M		
11	22	GV2PM22C	2 x LC1-D32···C		3M		

Mx MCC马达控制方案 380/415V 配合类型二 REV正反转 35°

Mx MCC motor control scheme 380/415V with type two REV forward and reverse rotation of 35°









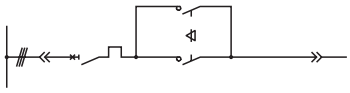
GV4LE

马达功率(kW) Motor power (kW)	额定电流(A) In(A)	断路器 Circuit-breaker	接触器 Contactor	热保护继电器 Thermal relay	安装模数 Modules		
0.18	0.63	GV4LE02	2 x LC1-D09…C	LRD05C	3M		
0.25	0.89	GV4LE02	2 x LC1-D09…C	LRD05C	3M		
0.37	1.1	GV4LE02	2 x LC1-D09…C	LRD06C	3M		
0.55	1.5	GV4LE02	2 x LC1-D09…C	LRD06C	3M		
0.75	1.9	GV4LE03	2 x LC1-D09…C	LRD07C	3M		
1.1	2.7	GV4LE03	2 x LC1-D25…C	LRD08C	3M		
1.5	3.6	GV4LE07	2 x LC1-D40A…C	LRD08C	3M		
2.2	4.9	GV4LE07	2 x LC1-D40A…C	LRD10C	3M		
3	6.5	GV4LE12	2 x LC1-D40A…C	LRD12C	3M		
4	8.5	GV4LE12	2 x LC1-D65A…C	LRD12C	3M		
5.5	11.5	GV4LE12	2 x LC1-D65A…C	LRD313	3M		
7.5	15.5	GV4LE25	2 x LC1-D65A…C	LRD318	3M		
10	19	GV4LE25	2 x LC1-D65A…C	LRD325C	3M		
11	22	GV4LE25	2 x LC1-D65A…C	LRD325C	3M		
15	29	GV4LE50	2 x LC1-D65A…C	LRD332C	3M		
18.5	35	GV4LE50	2 x LC1-D65A…C	LRD340C	3M		
22	41	GV4LE50	2 x LC1-D65A…C	LRD350C	3M		
30	59	GV4LE80	2 x LC1-D65A…C	LRD365C	3M		
37	66	GV4LE80	2 x LC1-D80…C	LRD3363C	6M		

一次系统推荐方案
Recommended Primary System Solutions

Mx MCC马达控制方案 380/415V 配合类型二 REV正反转 35°

Mx MCC motor control scheme 380/415V with type two REV forward and reverse rotation of 35°



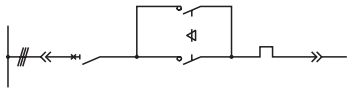




GV4PE							
马达功率(kW) Motor power (kW)	额定电流(A) In(A)	断路器 Circuit-breaker	接触器 Contactor	热保护继电器 Thermal relay	安装模数 Modules		
0.18	0.63	GV4PE02	2 x LC1-D25···C		3M		
0.25	0.89	GV4PE02	2 x LC1-D25···C		3M		
0.37	1.1	GV4PE02	2 x LC1-D25···C		3M		
0.55	1.5	GV4PE02	2 x LC1-D25···C		3M		
0.75	1.9	GV4PE03	2 x LC1-D25···C		3M		
1.1	2.7	GV4PE03	2 x LC1-D32···C		3M		
1.5	3.6	GV4PE07	2 x LC1-D50A···C		3M		
2.2	4.9	GV4PE07	2 x LC1-D50A···C		3M		
3	6.5	GV4PE12	2 x LC1-D50A···C		3M		
4	8.5	GV4PE12	2 x LC1-D50A···C		3M		
5.5	11.5	GV4PE12	2 x LC1-D50A···C		3M		
7.5	15.5	GV4PE25	2 x LC1-D65A···C		3M		
10	19	GV4PE25	2 x LC1-D65A···C		3M		
11	22	GV4PE25	2 x LC1-D65A···C		3M		
15	29	GV4PE50	2 x LC1-D65A···C		3M		
18.5	35	GV4PE50	2 x LC1-D65A···C		3M		
22	41	GV4PE50	2 x LC1-D65A···C		3M		
30	59	GV4PE80	2 x LC1-D65A···C		3M		
37	66	GV4PE80	2 x LC1-D80···C		6M		

Mx MCC马达控制方案 380/415V 配合类型二 REV正反转 35°

Mx MCC motor control scheme 380/415V with type two REV forward and reverse rotation of 35°









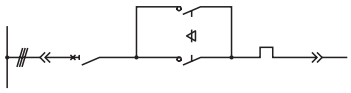
NSX 100m

马达功率(kW) Motor power (kW)	额定电流(A) In(A)	断路器 Circuit-breaker	接触器 Contactor	热保护继电器 Thermal relay	安装模数 Modules		
0.18	0.63	NSX100m MA	2 x LC1-D09···C	LRD05C	3M		
0.25	0.89	NSX100m MA	2 x LC1-D09···C	LRD05C	3M		
0.37	1.1	NSX100m MA	2 x LC1-D09···C	LRD06C	3M		
0.55	1.5	NSX100m MA	2 x LC1-D09···C	LRD06C	3M		
0.75	1.9	NSX100m MA	2 x LC1-D09···C	LRD07C	3M		
1.1	2.7	NSX100m MA	2 x LC1-D25···C	LRD08C	3M		
1.5	3.6	NSX100m MA	2 x LC1-D40A···C	LRD08C	3M		
2.2	4.9	NSX100m MA	2 x LC1-D40A···C	LRD10C	3M		
3	6.5	NSX100m MA	2 x LC1-D40A···C	LRD12C	3M		
4	8.5	NSX100m MA	2 x LC1-D65A···C	LRD12C	3M		
5.5	11.5	NSX100m MA	2 x LC1-D65A···C	LRD313	3M		
7.5	15.5	NSX100m MA	2 x LC1-D65A···C	LRD318	3M		
10	19	NSX100m MA	2 x LC1-D65A···C	LRD325C	3M		
11	22	NSX100m MA	2 x LC1-D65A···C	LRD325C	3M		
15	29	NSX100m MA	2 x LC1-D65A···C	LRD332C	3M		
18.5	35	NSX100m MA	2 x LC1-D65A···C	LRD340C	3M		
22	41	NSX100m MA	2 x LC1-D65A···C	LRD350C	3M		
30	59	NSX100m MA	2 x LC1-D65A···C	LRD365C	3M		
37	66	NSX100m MA	2 x LC1-D80···C	LRD3363C	6M		

一次系统推荐方案
Recommended Primary System Solutions

Mx MCC马达控制方案 380/415V 配合类型二 REV正反转 35°

Mx MCC motor control scheme 380/415V with type two REV forward and reverse rotation of 35°





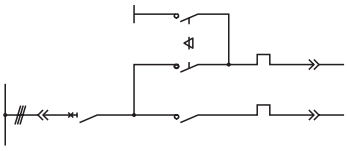




NSX 100							
马达功率(kW) Motor power (kW)	额定电流(A) In(A)	断路器 Circuit-breaker	接触器 Contactor	热保护继电器 Thermal relay	安装模数 Modules		
0.37	1.1	NSX100-MA	2 x LC1-D09···C	LRD06C	3M		
0.55	1.5	NSX100-MA	2 x LC1-D09···C	LRD07C	3M		
0.75	1.9	NSX100-MA	2 x LC1-D09···C	LRD07C	3M		
1.1	2.7	NSX100-MA	2 x LC1-D12···C	LRD08C	3M		
1.5	3.6	NSX100-MA	2 x LC1-D18···C	LRD08C	3M		
2.2	4.9	NSX100-MA	2 x LC1-D32···C	LRD10C	3M		
3	6.5	NSX100-MA	2 x LC1-D40A···C	LRD12C	3M		
4	8.5	NSX100-MA	2 x LC1-D40A···C	LRD14C	3M		
5.5	11.5	NSX100-MA	2 x LC1-D40A···C	LRD16C	3M		
7.5	15.5	NSX100-MA	2 x LC1-D40A···C	LRD21C	3M		
9	22	NSX100-MA	2 x LC1-D40A···C	LRD325C	3M		
11	22	NSX100-MA	2 x LC1-D40A···C	LRD325C	3M		
15	29	NSX100-MA	2 x LC1-D65A···C	LRD332C	3M		
18.5	35	NSX100-MA	2 x LC1-D65A···C	LRD350C	3M		
22	41	NSX100-MA	2 x LC1-D65A···C	LRD350C	3M		
30	59	NSX100-MA	2 x LC1-D80···C	LRD3359C	6M		
37	66	NSX100-MA	2 x LC1-D95···C	LRD3363C	6M		

Mx MCC马达控制方案 380/415V 配合类型二 双速 35°

Mx MCC motor control scheme 380/415V coordination type two dual speed 35°







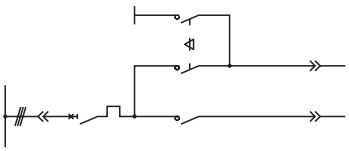


GV2L

马达功率(kW) Motor power (kW)	额定电流(A) In(A)	断路器 Circuit-breaker	接触器 Contactor	热保护继电器 Thermal relay	安装模数 Modules		
0.37	1.1	GV2L05	3 x LC1-D09···C	2 x LRD05C	3M		
0.55	1.5	GV2L06	3 x LC1-D09···C	2 x LRD06C	3M		
0.75	1.9	GV2L07	3 x LC1-D09···C	2 x LRD07C	3M		
1.1	2.7	GV2L08	3 x LC1-D09···C	2 x LRD08C	3M		
1.5	3.6	GV2L08	3 x LC1-D09···C	2 x LRD08C	3M		
2.2	4.9	GV2L10	3 x LC1-D09···C	2 x LRD10C	3M		
3	6.5	GV2L14	3 x LC1-D09···C	2 x LRD12C	3M		
4	8.5	GV2L14	3 x LC1-D18···C	2 x LRD14C	3M		
5.5	11.5	GV2L16	3 x LC1-D25···C	2 x LRD16C	3M		
7.5	15.5	GV2L20	3 x LC1-D25···C	2 x LRD21C	3M		
9	22	GV2L22	3 x LC1-D32···C	2 x LRD22C	3M		
11	22	GV2L22	3 x LC1-D32···C	2 x LRD22C	3M		

Mx MCC马达控制方案 380/415V 配合类型二 双速 35°

Mx MCC motor control scheme 380/415V coordination type two dual speed 35°







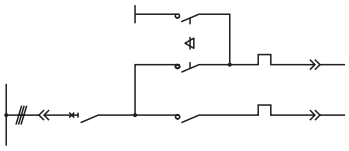
GV2PM

马达功率(kW) Motor power (kW)	额定电流(A) In(A)	断路器 Circuit-breaker	接触器 Contactor	热保护继电器 Thermal relay	安装模数 Modules		
0.37	1.1	GV2PM05C	3 x LC1-D09···C		3M		
0.55	1.5	GV2PM06C	3 x LC1-D09···C		3M		
0.75	1.9	GV2PM07C	3 x LC1-D09···C		3M		
1.1	2.7	GV2PM08C	3 x LC1-D09···C		3M		
1.5	3.6	GV2PM08C	3 x LC1-D09···C		3M		
2.2	4.9	GV2PM10C	3 x LC1-D09···C		3M		
3	6.5	GV2PM14C	3 x LC1-D09···C		3M		
4	8.5	GV2PM14C	3 x LC1-D18···C		3M		
5.5	11.5	GV2PM16C	3 x LC1-D25···C		3M		
7.5	15.5	GV2PM20C	3 x LC1-D25···C		3M		
9	22	GV2PM22C	3 x LC1-D32···C		3M		
11	22	GV2PM22C	3 x LC1-D32···C		3M		

一次系统推荐方案
Recommended Primary System Solutions

Mx MCC马达控制方案 380/415V 配合类型二 双速 35°

Mx MCC motor control scheme 380/415V coordination type two dual speed 35°







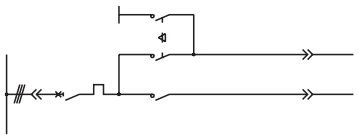


GV4LE

马达功率(kW) Motor power (kW)	额定电流(A) In(A)	断路器 Circuit-breaker	接触器 Contactor	热保护继电器 Thermal relay	安装模数 Modules		
0.18	0.63	GV4LE02	3 x LC1-D09···C	2 x LRD05C	6M		
0.25	0.89	GV4LE02	3 x LC1-D09···C	2 x LRD05C	6M		
0.37	1.1	GV4LE02	3 x LC1-D09···C	2 x LRD06C	6M		
0.55	1.5	GV4LE02	3 x LC1-D09···C	2 x LRD06C	6M		
0.75	1.9	GV4LE03	3 x LC1-D09···C	2 x LRD07C	6M		
1.1	2.7	GV4LE03	3 x LC1-D25···C	2 x LRD08C	6M		
1.5	3.6	GV4LE07	3 x LC1-D40A···C	2 x LRD08C	6M		
2.2	4.9	GV4LE07	3 x LC1-D40A···C	2 x LRD10C	6M		
3	6.5	GV4LE12	3 x LC1-D40A···C	2 x LRD12C	6M		
4	8.5	GV4LE12	3 x LC1-D65A···C	2 x LRD12C	6M		
5.5	11.5	GV4LE12	3 x LC1-D65A···C	2 x LRD313	6M		
7.5	15.5	GV4LE25	3 x LC1-D65A···C	2 x LRD318	6M		
10	19	GV4LE25	3 x LC1-D65A···C	2 x LRD325C	6M		
11	22	GV4LE25	3 x LC1-D65A···C	2 x LRD325C	6M		
15	29	GV4LE50	3 x LC1-D65A···C	2 x LRD332C	6M		
18.5	35	GV4LE50	3 x LC1-D65A···C	2 x LRD340C	6M		
22	41	GV4LE50	3 x LC1-D65A···C	2 x LRD350C	6M		
30	59	GV4LE80	3 x LC1-D65A···C	2 x LRD365C	6M		
37	66	GV4LE80	3 x LC1-D80···C	2 x LRD3363C	6M		

Mx MCC马达控制方案 380/415V 配合类型二 双速 35°

Mx MCC motor control scheme 380/415V coordination type two dual speed 35°







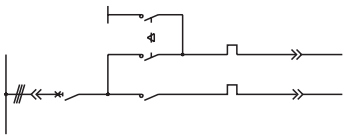
GV4PE

马达功率(kW) Motor power (kW)	额定电流(A) In(A)	断路器 Circuit-breaker	接触器 Contactor	热保护继电器 Thermal relay	安装模数 Modules		
0.18	0.63	GV4PE02	3 x LC1-D25···C		6M		
0.25	0.89	GV4PE02	3 x LC1-D25···C		6M		
0.37	1.1	GV4PE02	3 x LC1-D25···C		6M		
0.55	1.5	GV4PE02	3 x LC1-D25···C		6M		
0.75	1.9	GV4PE03	3 x LC1-D25···C		6M		
1.1	2.7	GV4PE03	3 x LC1-D32···C		6M		
1.5	3.6	GV4PE07	3 x LC1-D50A···C		6M		
2.2	4.9	GV4PE07	3 x LC1-D50A···C		6M		
3	6.5	GV4PE12	3 x LC1-D50A···C		6M		
4	8.5	GV4PE12	3 x LC1-D50A···C		6M		
5.5	11.5	GV4PE12	3 x LC1-D50A···C		6M		
7.5	15.5	GV4PE25	3 x LC1-D65A···C		6M		
10	19	GV4PE25	3 x LC1-D65A···C		6M		
11	22	GV4PE25	3 x LC1-D65A···C		6M		
15	29	GV4PE50	3 x LC1-D65A···C		6M		
18.5	35	GV4PE50	3 x LC1-D65A···C		6M		
22	41	GV4PE50	3 x LC1-D65A···C		6M		
30	59	GV4PE80	3 x LC1-D65A···C		6M		
37	66	GV4PE80	3 x LC1-D80···C		6M		

一次系统推荐方案
Recommended Primary System Solutions

Mx MCC马达控制方案 380/415V 配合类型二 双速 35°

Mx MCC motor control scheme 380/415V coordination type two dual speed 35°







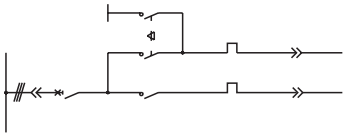


NSX 100m

马达功率(kW) Motor power (kW)	额定电流(A) In(A)	断路器 Circuit-breaker	接触器 Contactor	热保护继电器 Thermal relay	安装模数 Modules		
0.18	0.63	NSX100m MA	3 x LC1-D09···C	2 x LRD05C	6M		
0.25	0.89	NSX100m MA	3 x LC1-D09···C	2 x LRD05C	6M		
0.37	1.1	NSX100m MA	3 x LC1-D09···C	2 x LRD06C	6M		
0.55	1.5	NSX100m MA	3 x LC1-D09···C	2 x LRD06C	6M		
0.75	1.9	NSX100m MA	3 x LC1-D09···C	2 x LRD07C	6M		
1.1	2.7	NSX100m MA	3 x LC1-D25···C	2 x LRD08C	6M		
1.5	3.6	NSX100m MA	3 x LC1-D40A···C	2 x LRD08C	6M		
2.2	4.9	NSX100m MA	3 x LC1-D40A···C	2 x LRD10C	6M		
3	6.5	NSX100m MA	3 x LC1-D40A···C	2 x LRD12C	6M		
4	8.5	NSX100m MA	3 x LC1-D65A···C	2 x LRD12C	6M		
5.5	11.5	NSX100m MA	3 x LC1-D65A···C	2 x LRD313	6M		
7.5	15.5	NSX100m MA	3 x LC1-D65A···C	2 x LRD318	6M		
10	19	NSX100m MA	3 x LC1-D65A···C	2 x LRD325C	6M		
11	22	NSX100m MA	3 x LC1-D65A···C	2 x LRD325C	6M		
15	29	NSX100m MA	3 x LC1-D65A···C	2 x LRD332C	6M		
18.5	35	NSX100m MA	3 x LC1-D65A···C	2 x LRD340C	6M		
22	41	NSX100m MA	3 x LC1-D65A···C	2 x LRD350C	6M		
30	59	NSX100m MA	3 x LC1-D65A···C	2 x LRD365C	6M		
37	66	NSX100m MA	3 x LC1-D80···C	2 x LRD3363C	6M		

Mx MCC马达控制方案 380/415V 配合类型二 双速 35°

Mx MCC motor control scheme 380/415V coordination type two dual speed 35°









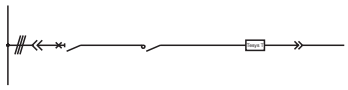
NSX 100							
马达功率(kW) Motor power (kW)	额定电流(A) In(A)	断路器 Circuit-breaker	接触器 Contactor	热保护继电器 Thermal relay	安装模数 Modules		
0.37	1.1	NSX100-MA	3 x LC1-D09···C	2 x LRD06C	6M		
0.55	1.5	NSX100-MA	3 x LC1-D09···C	2 x LRD07C	6M		
0.75	1.9	NSX100-MA	3 x LC1-D09···C	2 x LRD07C	6M		
1.1	2.7	NSX100-MA	3 x LC1-D12···C	2 x LRD08C	6M		
1.5	3.6	NSX100-MA	3 x LC1-D18···C	2 x LRD08C	6M		
2.2	4.9	NSX100-MA	3 x LC1-D32···C	2 x LRD10C	6M		
3	6.5	NSX100-MA	3 x LC1-D40A···C	2 x LRD12C	6M		
4	8.5	NSX100-MA	3 x LC1-D40A···C	2 x LRD14C	6M		
5.5	11.5	NSX100-MA	3 x LC1-D40A···C	2 x LRD16C	6M		
7.5	15.5	NSX100-MA	3 x LC1-D40A···C	2 x LRD21C	6M		
10	19	NSX100-MA	3 x LC1-D40A···C	2 x LRD325C	6M		
11	22	NSX100-MA	3 x LC1-D40A···C	2 x LRD325C	6M		
15	29	NSX100-MA	3 x LC1-D65A···C	2 x LRD332C	6M		
18.5	35	NSX100-MA	3 x LC1-D65A···C	2 x LRD350C	6M		
22	41	NSX100-MA	3 x LC1-D65A···C	2 x LRD350C	6M		
30	59	NSX100-MA	3 x LC1-D80···C	2 x LRD3359C	6M		
37	66	NSX100-MA	3 x LC1-D95···C	2 x LRD3363C	6M		

一次系统推荐方案
Recommended Primary System Solutions

一次系统推荐方案 MCC马达管理控制方案
A System Recommendation Plan: MCC Motor Management Control Plan

Mx MCC马达管理控制方案 380/415V 配合类型二 直接启动 35°

Mx iMCC motor control scheme 380/415V coordination type 2 direct start 35°









GV2L

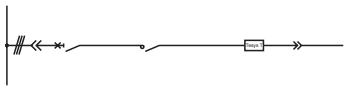
马达功率(kW) Motor power (kW)	额定电流(A) In(A)	断路器 Circuit-breaker	接触器 Contactor	控制器型号 Motor protection (Motorsys)	安装模数 Modules		
0.37	1.1	GV2L05	LC1-D09…C	LTM R08	4M/2	2M	3M*
0.55	1.6	GV2L06	LC1-D09…C	LTM R08	4M/2	2M	3M*
0.75	1.9	GV2L07	LC1-D09…C	LTM R08	4M/2	2M	3M*
1.1	2.8	GV2L08	LC1-D09…C	LTM R08	4M/2	2M	3M*
1.5	3.6	GV2L08	LC1-D09…C	LTM R08	4M/2	2M	3M*
2.2	5.2	GV2L10	LC1-D09…C	LTM R08	4M/2	2M	3M*
3	6.8	GV2L14	LC1-D09…C	LTM R08	4M/2	2M	3M*
4	8.5	GV2L14	LC1-D18…C	LTM R27	4M/2	2M	3M*
5.5	12	GV2L16	LC1-D25…C	LTM R27	4M/2	2M	3M*
7.5	15.5	GV2L20	LC1-D25…C	LTM R27	4M/2	2M	3M*
9	22	GV2L22	LC1-D32…C	LTM R27	4M/2	2M	3M*
11	22	GV2L22	LC1-D32…C	LTM R27	4M/2	2M	3M*

*：考虑装配空间优化，提供大模数方案可选。

*：Consider optimizing assembly space and providing options for large module solutions.

Mx MCC马达管理控制方案 380/415V 配合类型二 直接启动 35°

Mx iMCC motor control scheme 380/415V coordination type 2 direct start 35°







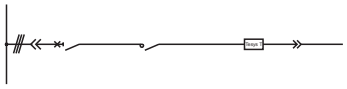


GV4LE

马达功率(kW) Motor power (kW)	额定电流(A) In(A)	断路器 Circuit-breaker	接触器 Contactor	控制器型号 Motor protection (Motorsys)	安装模数 Modules		
0.18	0.63	GV4LE02	LC1-D09…C	LTM R08	4M/2	3M	
0.25	0.89	GV4LE02	LC1-D09…C	LTM R08	4M/2	3M	
0.37	1.1	GV4LE02	LC1-D09…C	LTM R08	4M/2	3M	
0.55	1.6	GV4LE02	LC1-D09…C	LTM R08	4M/2	3M	
0.75	1.9	GV4LE03	LC1-D09…C	LTM R08	4M/2	3M	
1.1	2.8	GV4LE03	LC1-D25…C	LTM R08	4M/2	3M	
1.5	3.6	GV4LE07	LC1-D40A…C	LTM R08	4M/2	3M	
2.2	5.2	GV4LE07	LC1-D40A…C	LTM R08	4M/2	3M	
3	6.8	GV4LE12	LC1-D40A…C	LTM R08	4M/2	3M	
4	8.5	GV4LE12	LC1-D65A…C	LTM R27	4M/2	3M	
5.5	12	GV4LE12	LC1-D65A…C	LTM R27	4M/2	3M	
7.5	15.5	GV4LE25	LC1-D65A…C	LTM R27	4M/2	3M	
10	19	GV4LE25	LC1-D65A…C	LTM R27	4M/2	3M	
11	22	GV4LE25	LC1-D65A…C	LTM R27	4M/2	3M	
15	29	GV4LE50	LC1-D65A…C	LTM R100	4M/2	3M	
18.5	35	GV4LE50	LC1-D65A…C	LTM R100	4M/2	3M	
22	41	GV4LE50	LC1-D65A…C	LTM R100	4M/2	3M	
30	59	GV4LE80	LC1-D65A…C	LTM R100	3M		
37	66	GV4LE80	LC1-D80…C	LTM R100	3M		
45	80	GV4LE115	LC1-D1156…C	LTM R100	4M		
55	97	GV4LE115	LC1-D1156…C	LTM R08+CT	6M		

一次系统推荐方案
Recommended Primary System Solutions

Mx MCC马达管理控制方案 380/415V 配合类型二 直接启动 35°
Mx iMCC motor control scheme 380/415V coordination type 2 direct start 35°

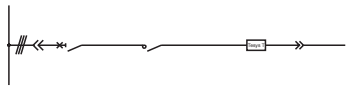


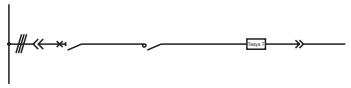



NSX100m-160m							
马达功率(kW) Motor power (kW)	额定电流(A) In(A)	断路器 Circuit-breaker	接触器 Contactor	控制器型号 Motor protection (Motorsys)	安装模数 Modules		
0.18	0.63	NSX100m MA	LC1-D09···C	LTM R08	4M/2	3M	
0.25	0.89	NSX100m MA	LC1-D09···C	LTM R08	4M/2	3M	
0.37	1.1	NSX100m MA	LC1-D09···C	LTM R08	4M/2	3M	
0.55	1.6	NSX100m MA	LC1-D09···C	LTM R08	4M/2	3M	
0.75	1.9	NSX100m MA	LC1-D09···C	LTM R08	4M/2	3M	
1.1	2.8	NSX100m MA	LC1-D25···C	LTM R08	4M/2	3M	
1.5	3.6	NSX100m MA	LC1-D40A···C	LTM R08	4M/2	3M	
2.2	5.2	NSX100m MA	LC1-D40A···C	LTM R08	4M/2	3M	
3	6.8	NSX100m MA	LC1-D40A···C	LTM R08	4M/2	3M	
4	8.5	NSX100m MA	LC1-D65A···C	LTM R27	4M/2	3M	
5.5	12	NSX100m MA	LC1-D65A···C	LTM R27	4M/2	3M	
7.5	15.5	NSX100m MA	LC1-D65A···C	LTM R27	4M/2	3M	
10	19	NSX100m MA	LC1-D65A···C	LTM R27	4M/2	3M	
11	22	NSX100m MA	LC1-D65A···C	LTM R27	4M/2	3M	
15	29	NSX100m MA	LC1-D65A···C	LTM R100	4M/2	3M	
18.5	35	NSX100m MA	LC1-D65A···C	LTM R100	4M/2	3M	
22	41	NSX100m MA	LC1-D65A···C	LTM R100	4M/2	3M	
30	59	NSX100m MA	LC1-D65A···C	LTM R100	3M		
37	66	NSX100m MA	LC1-D80···C	LTM R100	3M		
45	80	NSX160m MA	LC1-D1156···C	LTM R100	4M		
55	97	NSX160m MA	LC1-D1156···C	LTM R08+CT	6M		

Mx MCC马达管理控制方案 380/415V 配合类型二 直接启动 35°

Mx iMCC motor control scheme 380/415V coordination type 2 direct start 35°





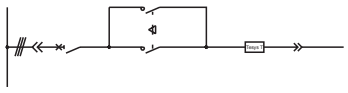


NSX 100-630							
马达功率(kW) Motor power (kW)	额定电流(A) In(A)	断路器 Circuit-breaker	接触器 Contactor	控制器型号 Motor protection (Motorsys)	安装模数 Modules		
0.37	1.1	NSX100-MA	LC1-D09···C	LTM R08	3M		
0.55	1.5	NSX100-MA	LC1-D09···C	LTM R08	3M		
0.75	1.9	NSX100-MA	LC1-D09···C	LTM R08	3M		
1.1	2.7	NSX100-MA	LC1-D12···C	LTM R08	3M		
1.5	3.6	NSX100-MA	LC1-D18···C	LTM R08	3M		
2.2	4.9	NSX100-MA	LC1-D32···C	LTM R08	3M		
3	6.5	NSX100-MA	LC1-D40A···C	LTM R08	3M		
4	8.5	NSX100-MA	LC1-D40A···C	LTM R27	3M		
5.5	11.5	NSX100-MA	LC1-D40A···C	LTM R27	3M		
7.5	15.5	NSX100-MA	LC1-D40A···C	LTM R27	3M		
9	22	NSX100-MA	LC1-D40A···C	LTM R27	3M		
11	22	NSX100-MA	LC1-D40A···C	LTM R27	3M		
15	29	NSX100-MA	LC1-D65A···C	LTM R100	3M		
18.5	35	NSX100-MA	LC1-D65A···C	LTM R100	3M		
22	41	NSX100-MA	LC1-D65A···C	LTM R100	3M		
30	59	NSX100-MA	LC1-D80···C	LTM R100	3M		
37	66	NSX100-MA	LC1-D95···C	LTM R100	3M		
45	80	NSX100-MA	LC1-D1156···C	LTM R100	4M		
55	97	NSX160-MA	LC1-D1156···C	LTM R08+CT	6M		
75	135	NSX250-MA	LC1-D1506···C	LTM R08+CT	6M		
75	135	NSX160-MA	LC1-G205···C	LTM R08 + CT	6M		
90	160	NSX250-MA	LC1-G205···C	LTM R08 + CT	8M		
110	195	NSX250-MA	LC1-G205···C	LTM R08 + CT	8M		
132	230	NSX400-MIC	LC1-G245···C	LTM R08 + CT	8M		
160	280	NSX400-MIC	LC1-G300···C	LTM R08 + CT	8M		
200	350	NSX630-MIC	LC1-G410···C	LTM R08 + CT	8M		
220	388	NSX630-MIC	LC1-G410···C	LTM R08 + CT	9M		
250	430	NSX630-MIC	LC1-G475···C	LTM R08 + CT	9M		

一次系统推荐方案
Recommended Primary System Solutions

Mx MCC马达管理控制方案 380/415V 配合类型二 REV正反转 35°

Mx iMCC motor control scheme 380/415V with type two REV forward and reverse rotation of 35°





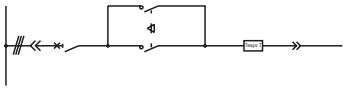




GV2L							
马达功率(kW) Motor power (kW)	额定电流(A) In(A)	断路器 Circuit-breaker	接触器 Contactor	控制器型号 Motor protection (Motorsys)	安装模数 Modules		
0.37	1.1	GV2L05	2 x LC1-D09···C	LTM R08	3M		
0.55	1.5	GV2L06	2 x LC1-D09···C	LTM R08	3M		
0.75	1.9	GV2L07	2 x LC1-D09···C	LTM R08	3M		
1.1	2.7	GV2L08	2 x LC1-D09···C	LTM R08	3M		
1.5	3.6	GV2L08	2 x LC1-D09···C	LTM R08	3M		
2.2	4.9	GV2L10	2 x LC1-D09···C	LTM R08	3M		
3	6.5	GV2L14	2 x LC1-D09···C	LTM R08	3M		
4	8.5	GV2L14	2 x LC1-D18···C	LTM R27	3M		
5.5	11.5	GV2L16	2 x LC1-D25···C	LTM R27	3M		
7.5	15.5	GV2L20	2 x LC1-D25···C	LTM R27	3M		
9	22	GV2L22	2 x LC1-D32···C	LTM R27	3M		
11	22	GV2L22	2 x LC1-D32···C	LTM R27	3M		

Mx MCC马达管理控制方案 380/415V 配合类型二 REV正反转 35°

Mx iMCC motor control scheme 380/415V with type two REV forward and reverse rotation of 35°









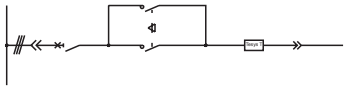
GV4LE

马达功率(kW) Motor power (kW)	额定电流(A) In(A)	断路器 Circuit-breaker	接触器 Contactor	控制器型号 Motor protection (Motorsys)	安装模数 Modules		
0.18	0.63	GV4LE02	2 x LC1-D09···C	LTM R08	3M		
0.25	0.89	GV4LE02	2 x LC1-D09···C	LTM R08	3M		
0.37	1.1	GV4LE02	2 x LC1-D09···C	LTM R08	3M		
0.55	1.5	GV4LE02	2 x LC1-D09···C	LTM R08	3M		
0.75	1.9	GV4LE03	2 x LC1-D09···C	LTM R08	3M		
1.1	2.7	GV4LE03	2 x LC1-D25···C	LTM R08	3M		
1.5	3.6	GV4LE07	2 x LC1-D40A···C	LTM R08	3M		
2.2	4.9	GV4LE07	2 x LC1-D40A···C	LTM R08	3M		
3	6.5	GV4LE12	2 x LC1-D40A···C	LTM R08	3M		
4	8.5	GV4LE12	2 x LC1-D65A···C	LTM R27	3M		
5.5	11.5	GV4LE12	2 x LC1-D65A···C	LTM R27	3M		
7.5	15.5	GV4LE25	2 x LC1-D65A···C	LTM R27	3M		
10	19	GV4LE25	2 x LC1-D65A···C	LTM R27	3M		
11	22	GV4LE25	2 x LC1-D65A···C	LTM R27	3M		
15	29	GV4LE50	2 x LC1-D65A···C	LTM R100	3M		
18.5	35	GV4LE50	2 x LC1-D65A···C	LTM R100	3M		
22	41	GV4LE50	2 x LC1-D65A···C	LTM R100	3M		
30	59	GV4LE80	2 x LC1-D65A···C	LTM R100	3M		
37	66	GV4LE80	2 x LC1-D80···C	LTM R100	6M		

一次系统推荐方案
Recommended Primary System Solutions

Mx MCC马达管理控制方案 380/415V 配合类型二 REV正反转 35°

Mx iMCC motor control scheme 380/415V with type two REV forward and reverse rotation of 35°





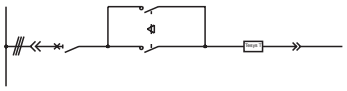




NSX 100m							
马达功率(kW) Motor power (kW)	额定电流(A) In(A)	断路器 Circuit-breaker	接触器 Contactor	控制器型号 Motor protection (Motorsys)	安装模数 Modules		
0.18	0.63	NSX100m MA	2 x LC1-D09···C	LTM R08	3M		
0.25	0.89	NSX100m MA	2 x LC1-D09···C	LTM R08	3M		
0.37	1.1	NSX100m MA	2 x LC1-D09···C	LTM R08	3M		
0.55	1.5	NSX100m MA	2 x LC1-D09···C	LTM R08	3M		
0.75	1.9	NSX100m MA	2 x LC1-D09···C	LTM R08	3M		
1.1	2.7	NSX100m MA	2 x LC1-D25···C	LTM R08	3M		
1.5	3.6	NSX100m MA	2 x LC1-D40A···C	LTM R08	3M		
2.2	4.9	NSX100m MA	2 x LC1-D40A···C	LTM R08	3M		
3	6.5	NSX100m MA	2 x LC1-D40A···C	LTM R08	3M		
4	8.5	NSX100m MA	2 x LC1-D65A···C	LTM R27	3M		
5.5	11.5	NSX100m MA	2 x LC1-D65A···C	LTM R27	3M		
7.5	15.5	NSX100m MA	2 x LC1-D65A···C	LTM R27	3M		
10	19	NSX100m MA	2 x LC1-D65A···C	LTM R27	3M		
11	22	NSX100m MA	2 x LC1-D65A···C	LTM R27	3M		
15	29	NSX100m MA	2 x LC1-D65A···C	LTM R100	3M		
18.5	35	NSX100m MA	2 x LC1-D65A···C	LTM R100	3M		
22	41	NSX100m MA	2 x LC1-D65A···C	LTM R100	3M		
30	59	NSX100m MA	2 x LC1-D65A···C	LTM R100	3M		
37	66	NSX100m MA	2 x LC1-D80···C	LTM R100	6M		

Mx MCC马达管理控制方案 380/415V 配合类型二 REV正反转 35°

Mx iMCC motor control scheme 380/415V with type two REV forward and reverse rotation of 35°







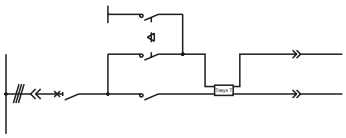


NSX 100

马达功率(kW) Motor power (kW)	额定电流(A) In(A)	断路器 Circuit-breaker	接触器 Contactor	控制器型号 Motor protection (Motorsys)	安装模数 Modules		
0.37	1.1	NSX100-MA	2 x LC1-D09···C	LTM R08	3M		
0.55	1.5	NSX100-MA	2 x LC1-D09···C	LTM R08	3M		
0.75	1.9	NSX100-MA	2 x LC1-D09···C	LTM R08	3M		
1.1	2.7	NSX100-MA	2 x LC1-D12···C	LTM R08	3M		
1.5	3.6	NSX100-MA	2 x LC1-D18···C	LTM R08	3M		
2.2	4.9	NSX100-MA	2 x LC1-D32···C	LTM R08	3M		
3	6.5	NSX100-MA	2 x LC1-D40A···C	LTM R08	3M		
4	8.5	NSX100-MA	2 x LC1-D40A···C	LTM R27	3M		
5.5	11.5	NSX100-MA	2 x LC1-D40A···C	LTM R27	3M		
7.5	15.5	NSX100-MA	2 x LC1-D40A···C	LTM R27	3M		
9	22	NSX100-MA	2 x LC1-D40A···C	LTM R27	3M		
11	22	NSX100-MA	2 x LC1-D40A···C	LTM R27	3M		
15	29	NSX100-MA	2 x LC1-D65A···C	LTM R100	3M		
18.5	35	NSX100-MA	2 x LC1-D65A···C	LTM R100	3M		
22	41	NSX100-MA	2 x LC1-D65A···C	LTM R100	3M		
30	59	NSX100-MA	2 x LC1-D80···C	LTM R100	6M		
37	66	NSX100-MA	2 x LC1-D95···C	LTM R100	6M		

一次系统推荐方案
Recommended Primary System Solutions

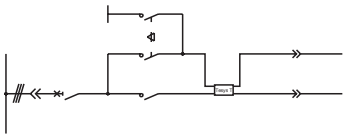
Mx MCC马达管理控制方案 380/415V 配合类型二 双速 35°
Mx iMCC motor control scheme 380/415V coordination type two dual speed 35°






GV2L							
马达功率(kW) Motor power (kW)	额定电流(A) In(A)	断路器 Circuit-breaker	接触器 Contactor	控制器型号 Motor protection (Motorsys)	安装模数 Modules		
0.37	1.1	GV2L05	3 x LC1-D09···C	LTM R08	3M		
0.55	1.5	GV2L06	3 x LC1-D09···C	LTM R08	3M		
0.75	1.9	GV2L07	3 x LC1-D09···C	LTM R08	3M		
1.1	2.7	GV2L08	3 x LC1-D09···C	LTM R08	3M		
1.5	3.6	GV2L08	3 x LC1-D09···C	LTM R08	3M		
2.2	4.9	GV2L10	3 x LC1-D09···C	LTM R08	3M		
3	6.5	GV2L14	3 x LC1-D09···C	LTM R08	3M		
4	8.5	GV2L14	3 x LC1-D18···C	LTM R27	3M		
5.5	11.5	GV2L16	3 x LC1-D25···C	LTM R27	3M		
7.5	15.5	GV2L20	3 x LC1-D25···C	LTM R27	3M		
9	22	GV2L22	3 x LC1-D32···C	LTM R27	3M		
11	22	GV2L22	3 x LC1-D32···C	LTM R27	3M		

Mx MCC马达管理控制方案 380/415V 配合类型二 双速 35°
Mx iMCC motor control scheme 380/415V coordination type two dual speed 35°

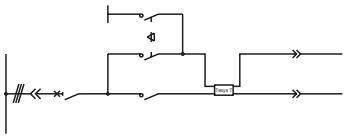





GV4LE							
马达功率(kW) Motor power (kW)	额定电流(A) In(A)	断路器 Circuit-breaker	接触器 Contactor	控制器型号 Motor protection (Motorsys)	安装模数 Modules		
0.18	0.63	GV4LE02	3 x LC1-D09···C	LTM R08	6M		
0.25	0.89	GV4LE02	3 x LC1-D09···C	LTM R08	6M		
0.37	1.1	GV4LE02	3 x LC1-D09···C	LTM R08	6M		
0.55	1.5	GV4LE02	3 x LC1-D09···C	LTM R08	6M		
0.75	1.9	GV4LE03	3 x LC1-D09···C	LTM R08	6M		
1.1	2.7	GV4LE03	3 x LC1-D25···C	LTM R08	6M		
1.5	3.6	GV4LE07	3 x LC1-D40A···C	LTM R08	6M		
2.2	4.9	GV4LE07	3 x LC1-D40A···C	LTM R08	6M		
3	6.5	GV4LE12	3 x LC1-D40A···C	LTM R08	6M		
4	8.5	GV4LE12	3 x LC1-D65A···C	LTM R27	6M		
5.5	11.5	GV4LE12	3 x LC1-D65A···C	LTM R27	6M		
7.5	15.5	GV4LE25	3 x LC1-D65A···C	LTM R27	6M		
10	19	GV4LE25	3 x LC1-D65A···C	LTM R27	6M		
11	22	GV4LE25	3 x LC1-D65A···C	LTM R27	6M		
15	29	GV4LE50	3 x LC1-D65A···C	LTM R100	6M		
18.5	35	GV4LE50	3 x LC1-D65A···C	LTM R100	6M		
22	41	GV4LE50	3 x LC1-D65A···C	LTM R100	6M		
30	59	GV4LE80	3 x LC1-D65A···C	LTM R100	6M		
37	66	GV4LE80	3 x LC1-D80···C	LTM R100	6M		

Mx MCC马达管理控制方案 380/415V 配合类型二 双速 35°

Mx iMCC motor control scheme 380/415V coordination type two dual speed 35°







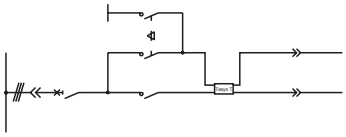


NSX 100m							
马达功率(kW) Motor power (kW)	额定电流(A) In(A)	断路器 Circuit-breaker	接触器 Contactor	控制器型号 Motor protection (Motorsys)	安装模数 Modules		
0.18	0.63	NSX100m MA	3 x LC1-D09···C	LTM R08	6M		
0.25	0.89	NSX100m MA	3 x LC1-D09···C	LTM R08	6M		
0.37	1.1	NSX100m MA	3 x LC1-D09···C	LTM R08	6M		
0.55	1.5	NSX100m MA	3 x LC1-D09···C	LTM R08	6M		
0.75	1.9	NSX100m MA	3 x LC1-D09···C	LTM R08	6M		
1.1	2.7	NSX100m MA	3 x LC1-D25···C	LTM R08	6M		
1.5	3.6	NSX100m MA	3 x LC1-D40A···C	LTM R08	6M		
2.2	4.9	NSX100m MA	3 x LC1-D40A···C	LTM R08	6M		
3	6.5	NSX100m MA	3 x LC1-D40A···C	LTM R08	6M		
4	8.5	NSX100m MA	3 x LC1-D65A···C	LTM R27	6M		
5.5	11.5	NSX100m MA	3 x LC1-D65A···C	LTM R27	6M		
7.5	15.5	NSX100m MA	3 x LC1-D65A···C	LTM R27	6M		
10	19	NSX100m MA	3 x LC1-D65A···C	LTM R27	6M		
11	22	NSX100m MA	3 x LC1-D65A···C	LTM R27	6M		
15	29	NSX100m MA	3 x LC1-D65A···C	LTM R100	6M		
18.5	35	NSX100m MA	3 x LC1-D65A···C	LTM R100	6M		
22	41	NSX100m MA	3 x LC1-D65A···C	LTM R100	6M		
30	59	NSX100m MA	3 x LC1-D65A···C	LTM R100	6M		
37	66	NSX100m MA	3 x LC1-D80···C	LTM R100	6M		

一次系统推荐方案
Recommended Primary System Solutions

Mx MCC马达管理控制方案 380/415V 配合类型二 双速 35°

Mx iMCC motor control scheme 380/415V coordination type two dual speed 35°






NSX 100							
马达功率(kW) Motor power (kW)	额定电流(A) In(A)	断路器 Circuit-breaker	接触器 Contactor	控制器型号 Motor protection (Motorsys)	安装模数 Modules		
0.37	1.1	NSX100-MA	3 x LC1-D09···C	LTM R08	6M		
0.55	1.5	NSX100-MA	3 x LC1-D09···C	LTM R08	6M		
0.75	1.9	NSX100-MA	3 x LC1-D09···C	LTM R08	6M		
1.1	2.7	NSX100-MA	3 x LC1-D12···C	LTM R08	6M		
1.5	3.6	NSX100-MA	3 x LC1-D18···C	LTM R08	6M		
2.2	4.9	NSX100-MA	3 x LC1-D32···C	LTM R08	6M		
3	6.5	NSX100-MA	3 x LC1-D40A···C	LTM R08	6M		
4	8.5	NSX100-MA	3 x LC1-D40A···C	LTM R27	6M		
5.5	11.5	NSX100-MA	3 x LC1-D40A···C	LTM R27	6M		
7.5	15.5	NSX100-MA	3 x LC1-D40A···C	LTM R27	6M		
10	19	NSX100-MA	3 x LC1-D40A···C	LTM R27	6M		
11	22	NSX100-MA	3 x LC1-D40A···C	LTM R27	6M		
15	29	NSX100-MA	3 x LC1-D65A···C	LTM R100	6M		
18.5	35	NSX100-MA	3 x LC1-D65A···C	LTM R100	6M		
22	41	NSX100-MA	3 x LC1-D65A···C	LTM R100	6M		
30	59	NSX100-MA	3 x LC1-D80···C	LTM R100	6M		
37	66	NSX100-MA	3 x LC1-D95···C	LTM R100	6M		

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