

魏德米勒
工业联接的伙伴



魏德米勒 —— 工业联接的伙伴

作为经验丰富的工业联接专家，魏德米勒为全球客户和合作伙伴提供关于工业环境中的电力、信号和数据方面的产品、解决方案和服务。魏德米勒始终致力于工业联接，以推动工业技术发展为目标，拥有先进的技术和丰富的经验。

成立170余年来，魏德米勒集团公司至今已在全球设立多家分支机构，包括研发中心、生产基地和销售公司，并利用全球化网络的优势，不断创新，持续提供满足不同客户及合作伙伴需求的产品，解决方案和服务。

目前，魏德米勒可提供4万多种满足各种级别需求的电气柜、自动化和数字化技术的产品，并广泛应用于机械与工厂自动化、能源、过程控制、交通、装置制造、基础设施建设等领域，满足工业环境下的各种需求。

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全球分布

- 集团子公司
- 机构和办事处
- 分销和直销
- 研发中心
- 生产中心

Our locations worldwide

- Group companies
- Agencies and representative offices
- Distributors and direct sales
- Development
- Production

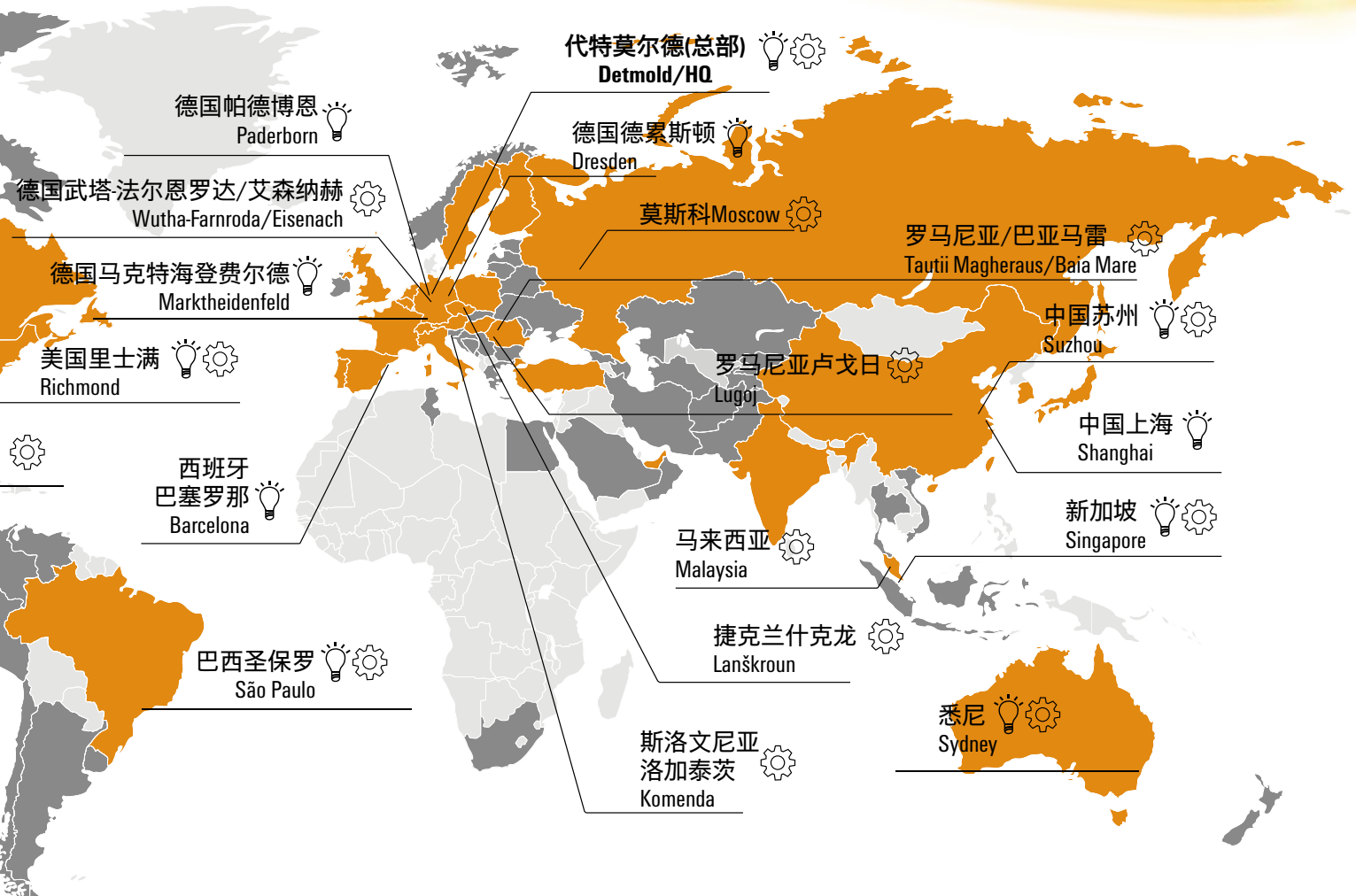


Weidmüller - Your Partner in Industrial Connectivity

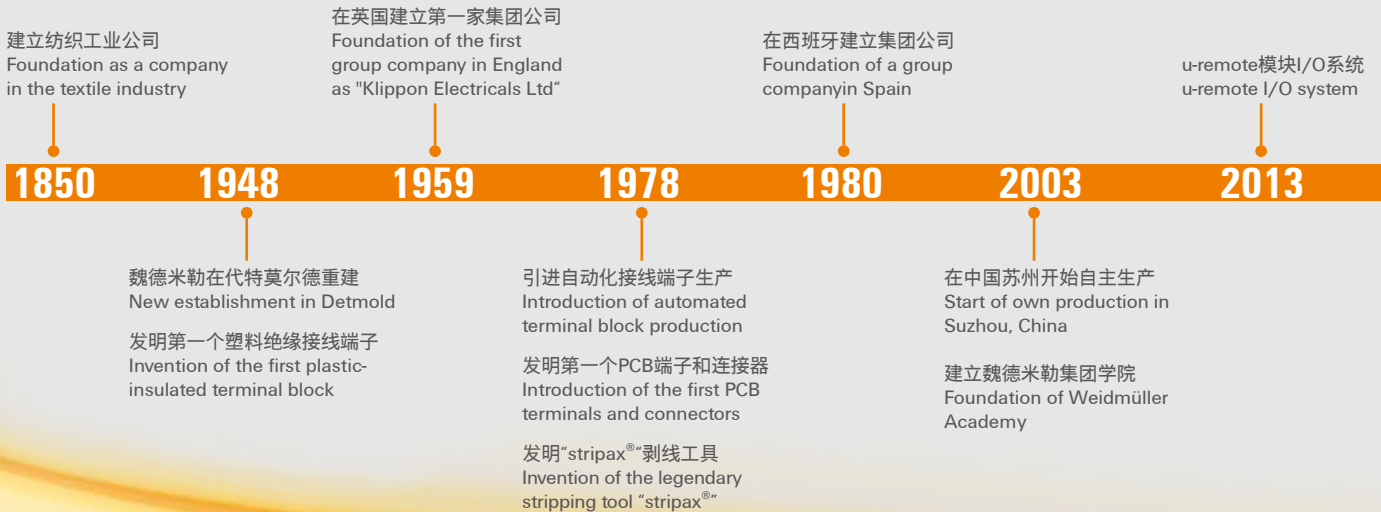
As experienced experts we support our customers and partners around the world with products, solutions and services in the industrial environment of power, signal and data. Weidmüller has been committed to industrial connectivity, boosting industrial technology development, with advanced technologies and rich experience.

Since it was founded 170 years ago, Weidmüller Group Company has set several branches worldwide, including R&D centers production sites and sales companies, made continuous innovations, and constantly provided products, solutions and services satisfying the demands of different customers and partners based on our advantages in global network.

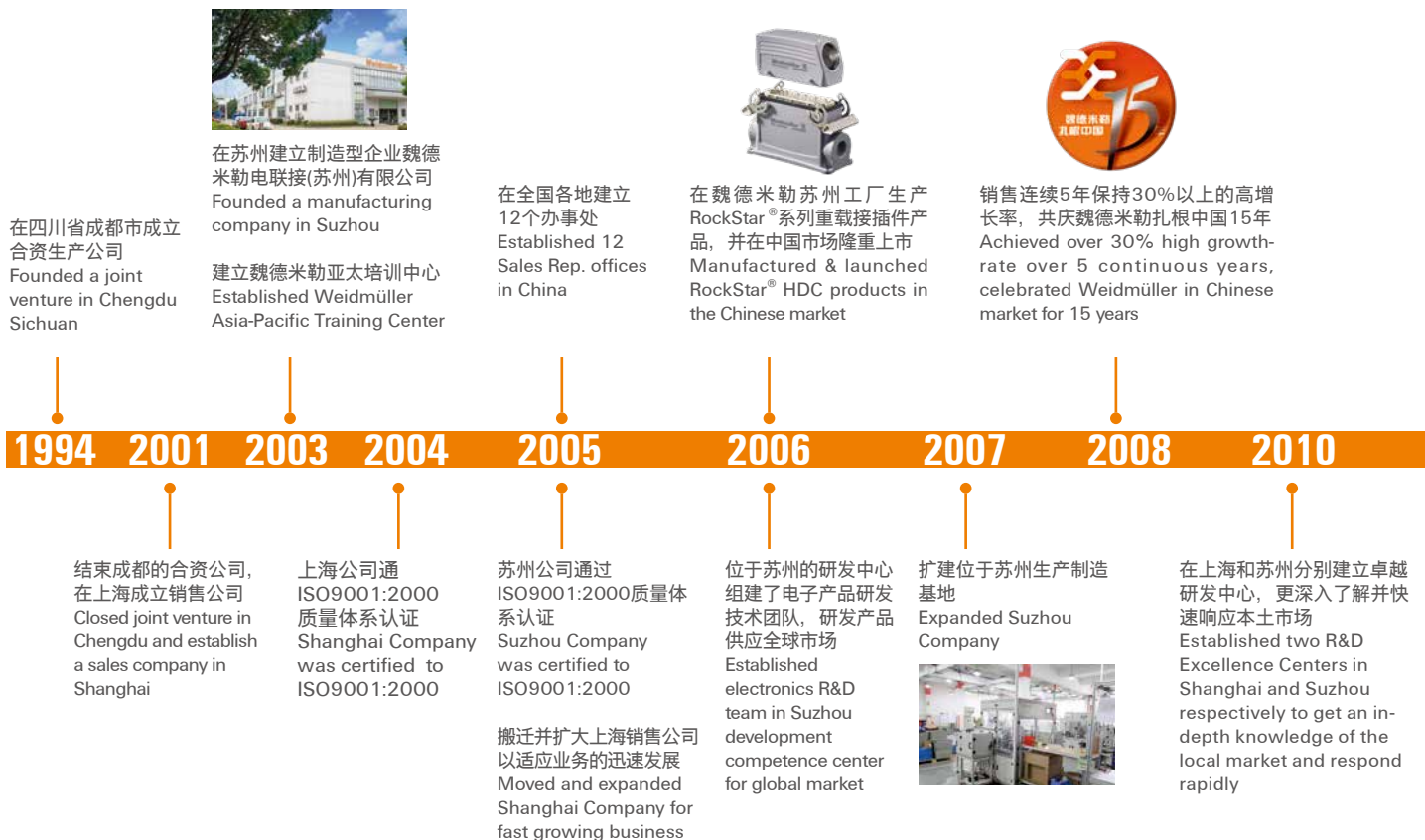
Currently, Weidmüller can provide more than 40,000 products for cabinets, at the field and device level, as well as automation and digitalization technology, and they have been extensively applied in machine and factory automation, energy, process, transport, device manufacturers, building infrastructure, meeting various demands in the industrial environment.

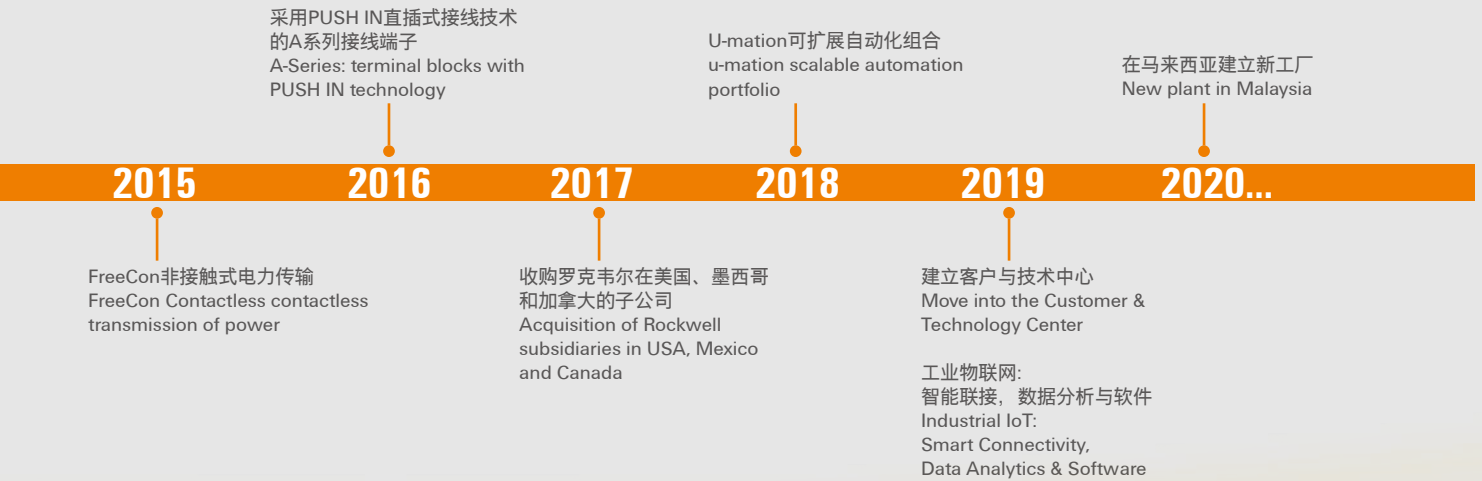


集团公司发展里程碑 Company Development Milestones



魏德米勒中国之路 Milestones of Weidmüller China





魏德米勒在中国

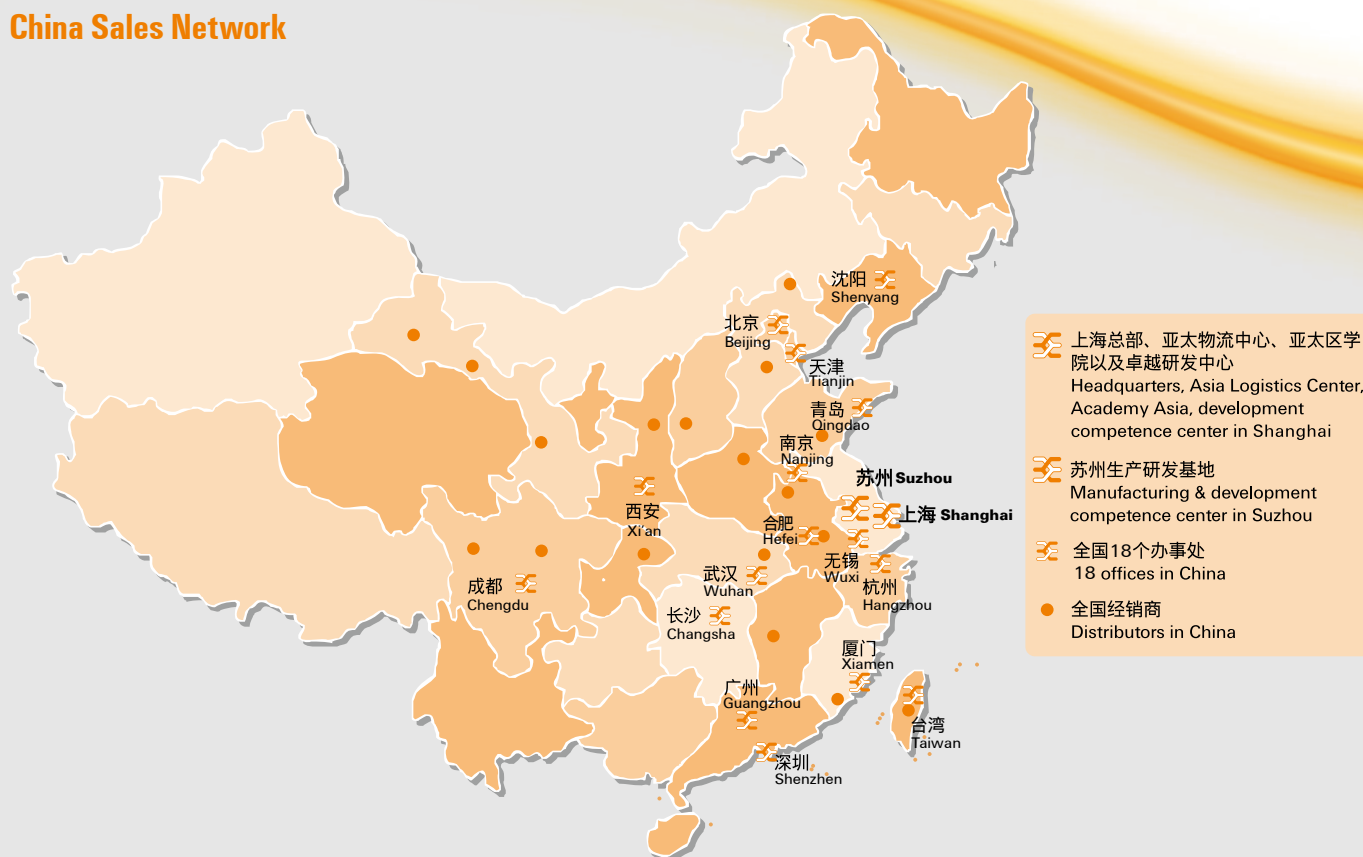
魏德米勒自1994年进入中国市场以来，始终坚持以本土客户为本，在全国各地设有18个销售联络处，并有上百家合作经销商。魏德米勒电联接(苏州)有限公司于2019年升级扩建，通过高度自动化及数字化生产，确保了生产的高效和产品的卓越品质。在上海和苏州设有两大卓越研发中心，进行电子产品和电气联接产品的研发和技术创新。位于上海的亚太物流中心，上万品种的库存及时满足客户及合作伙伴需求。从研发、生产到销售，从技术支持，到物流和售后服务，魏德米勒为本土客户提供全方位的便捷服务。

创新是魏德米勒的DNA，魏德米勒始终贯彻创新理念。无论是快捷简便、拥有捕鼠原理的SNAP IN创新鼠笼式联接技术，还是拥有完整集成系统的u-remote远程I/O、快速高效的OMNIMATE® 4.0接插件、满足不同应用类型的Klippon® Connect接线端子等产品创新，魏德米勒一直都在不断地推进技术与产品的创新。此外，通过高度自动化的生产创新，确保高效生产和卓越品质；以快速交付服务、联接顾问服务、工业大数据分析服务等创新服务，满足客户及合作伙伴不同需求！从技术、产品、生产到服务，魏德米勒的创新从未间断，持续引领行业发展。

进入工业4.0时代，魏德米勒作为智能化解决方案提供者，更致力于为客户及合作伙伴提供高效解决方案和服务，助力客户及合作伙伴数字化转型。魏德米勒的工业分析解决方案，可以提前预警，降低成本；能源管理解决方案助力节能减排；高效简单的机柜解决方案，满足机柜定制化需求；工业自动化解决方案实现远程高效管理.....魏德米勒为客户及合作伙伴赋能大步迈向工业4.0和数字化时代。

魏德米勒将继续创新研发可持续发展的产品、解决方案和服务，不断满足市场的个性化需求，与客户及合作伙伴共塑数字化未来。

魏德米勒中国营销网络 China Sales Network



Weidmüller in China

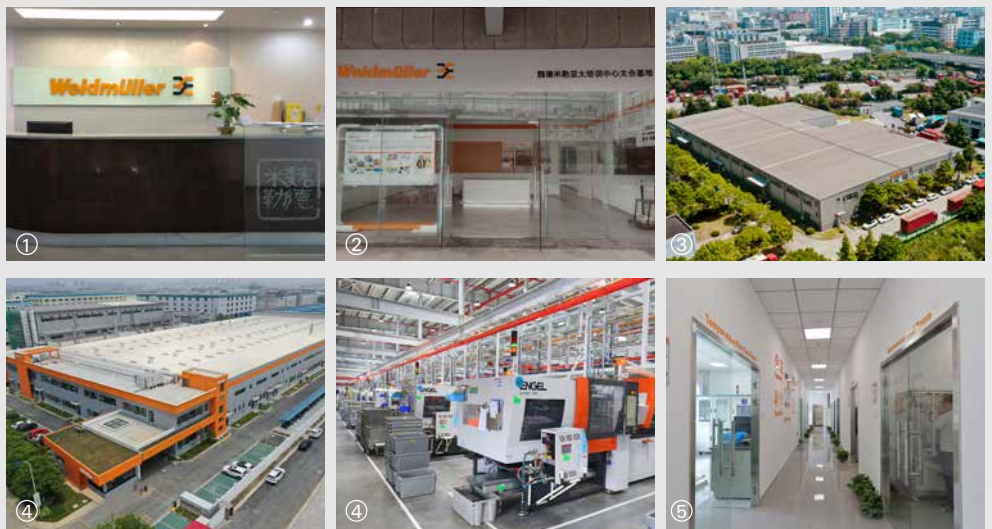
In 1994, Weidmüller entered Chinese market, Weidmüller has adhered to focusing on local customers, and has set 18 sales liaison offices, developed hundreds of partners. Weidmüller Interface (Suzhou) Co., Ltd. was upgraded and expanded in 2019, ensuring effective production and excellent product quality through highly automatic and digital productions. Weidmüller has set two R&D Excellence Center respectively in Shanghai and Suzhou, to develop electronics and electric connectivity products, and make technical innovations. Meanwhile, we have also set our Asia-Pacific Logistics Center in Shanghai Pilot Free Trade Zone, with an inventory of over ten thousands of varieties, to timely meet the demands of customers and partners. Weidmüller is dedicated to providing comprehensive and convenient services for local customers from the R&D and production to sales, and from technical support to logistics and after-sales services.

With innovation in Weidmüller's DNA, Weidmüller has always been committed to the concept of innovation to constantly advance the innovation of technologies and products, including the innovative SNAP IN connection technologies with tool-free, fast and easy installation, the u-remote I/O with a fully integrated system, the fast and effective OMNIMATE® 4.0 and Klippon® Connect terminals that can meet different application types. In addition, Weidmüller ensures effective production and outstanding quality by highly automatic production innovation, satisfies different demands of customers and partners with fast delivery services, connecting consultant services, industrial data analysis services, etc., and gives full play to our innovation! Weidmüller will continue to make continuous innovations in the entire process from technologies, products, and production to services, leading industrial development.

After entering Industry 4.0, Weidmüller, as the intelligent solution provider, is more engaged in providing customers and partners with effective solutions and services, and helping them towards digital transformation. Weidmüller's industrial analytics solutions can send out an early warning, reduce costs and improve efficiency, while our energy management solutions can help save energy and reduce emissions, our effective and simple cabinet building solutions can meet the customized demands for cabinets, and our industrial automation solutions can achieve remote and effective management..... Weidmüller helps customers and partners get ready to march towards Industry 4.0 and the digital era.

Weidmüller will continue to innovate and develop sustainable products, solutions, and services, to satisfy the personalized demands of the market. Together with our customers, we shape the digital transformation.

- ① 总部
Headquarter in Shanghai
- ② 亚太培训中心
Asia Training Center
- ③ 位于外高桥自贸区的亚太物流中心
Asia-Pacific Logistics Center in WGQ
Pilot Free Trade Zone
- ④ 苏州生产制造基地
Manufacturing Center in Suzhou
- ⑤ 位于上海及苏州的卓越研发中心
Two R&D Excellence Centers in
Shanghai and Suzhou



智能化解决方案提供者 Smart Solution Provider

魏德米勒作为智能化方案提供者，致力于为合作伙伴提供高效的解决方案和服务，包括工业自动化解决方案、工业设备大数据分析解决方案、智能化物流解决方案、工业机器人解决方案、能源管理解决方案、风电行业的BLADE control®系统解决方案等。

为机械与工厂自动化、能源、过程控制、交通、装置制造以及基础设施建设等领域和行业提供智能化解决方案。

As an smart solution provider, Weidmüller is committed to providing efficient solutions and service to partners, including industrial automation solutions, industrial analytical solutions, intelligent logistics solutions, industrial robots solutions, energy management solutions, BLADE control® system solutions for wind power industry, etc.

Weidmüller provides intelligent solutions for machinery and factory automation, energy, process, transportation, device manufacturing and infrastructure construction.

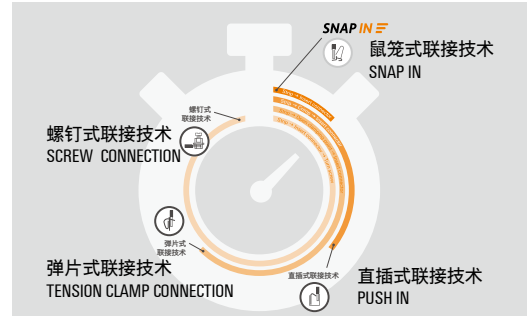


创新无处不在 Integrated Innovation

技术创新 Technology Innovation

魏德米勒始终贯彻技术创新，从生产第一个塑料绝缘端子，到直插式技术，鼠笼专利联接技术，非接触式联接技术等，使我们保持随时领先。

Weidmüller always keeps technological innovation, from the first product of plastic insulated terminals, to PUSH IN technology, SNAP IN technology and contactless connection technology, playing the leading role all the time.



产品创新 Product Innovation

魏德米勒始终推进产品创新，包括PROtop电源，Klippon® Connect系列，u-remote远程I/O模块，非接触式无线传输系统等，保持创新从不间断。

Weidmüller always promotes product innovation, including PROtop power supply, Klippon® Connect series, u-remote, contactless connection transmission system, etc., the pursuit of innovation never stop.



生产创新 Production Innovation

通过高度自动化的生产创新，确保高效生产和卓越品质。

Efficient production and high-quality through a high degree of automation production innovation.



服务创新 Service Innovation

魏德米勒坚持服务创新，如联接顾问团队，在线应用指南AppGuide，全球72小时样品服务等，满足客户需求。

Weidmüller insists on service innovation, such as connecting consultant team, online application guide AppGuide, 72-hour sample service, etc., to meet the needs of customers.



以本土客户为本 Local Customers Orientation



覆盖全国的销售网络

Sales network covering all over China

拥有18个办事处及上百家经销商，为本土客户提供全面便捷的服务。

Weidmüller has 18 offices and over 100 distributors, providing comprehensive and convenient service for local customers.



中国制造 德国品质

Suzhou manufacturing base ensuring the product of German quality

位于苏州的生产制造工厂严格遵守魏德米勒全球标准化生产管理确保产品高质量。上海及苏州两大卓越研发中心可满足客户的需求。

The Suzhou factory strictly abides by the Weidmüller global standardized production management to ensure the product of high quality. Two R&D Excellence centers located in Shanghai and Suzhou, satisfy the customers' needs.



亚太物流中心

Weidmüller Asia-Pacific Logistics Center

魏德米勒位于上海的亚太物流中心拥有充裕齐全的备货，确保最短时间发货。

Weidmüller Asia-Pacific Logistics Center, located in Shanghai, is abundant in inventory, ensuring goods delivery in the shortest time.



提供全方位本土化客户支持

Provide all-round local customer support

多达200多位技术支持和销售专业人员为您提供专业及时的现场服务。实时网上产品查询、订货系统，实现快速、高效的客户服务。

Over 200 professional technicians and sales engineers provide you expertise and efficient on-site service. Real-time online product inquiry and convenient order system ensure efficient customer service.

秉承可持续发展理念 Concept of sustainable development

生态观

Ecological view

魏德米勒持续降低所使用的原材料数量、排放量以及能耗量，以此履行对于生态环境的责任如魏德米勒超现代化生产车间，拥有塑料生产设施，其设计宗旨为尽可能实现高效环保的生产流程。使用能够实现低生产能耗的创新技术有助于达成这一目标。

Weidmüller fulfills its ecological environment responsibilities by continuously reducing the amounts of raw materials, emission and energy consumption. As an example, Weidmüller's ultra-modern workshops are equipped with plastic production facilities designed to achieve the most efficient and environmental-friendly processes. Innovative technologies leading to low production energy consumption contribute to achieving this goal.



气候保护

Climate protection

出于可持续发展和全球责任的考虑，魏德米勒承诺积极推动气候保护，并为履行《巴黎协定》有关气候变化的规定做出自己的贡献。

Committed to sustainable development and global responsibility, Weidmüller makes constant efforts in promoting climate protection and doing its part in advancing implementation of the Paris Agreement.



社会和员工

Society and employees

魏德米勒坚守基本价值观，在员工发展以及社会责任方面，坚持遵守社会规范和道德规范。以符合社会和道德规范的方式对待员工和社会。

Weidmüller holds fast to basic values as well as social norms and ethics in terms of employee development and social responsibility, treating employees and performing social obligations in a socially and morally responsible way.



培训中心

Training center

教育是成功的基石！魏德米勒培训中心涵盖与教育、培训和知识传递相关的活动。培训中心的活动始终将人们及其专业知识紧密相连在一起。

Education is the foundation of success! The Weidmüller Training Center organizes various activities related to education, training and knowledge transfer. Such activities are always intended to achieve close interrelation between people and their expertise.



魏德米勒赋能行业发展

助力客户及合作伙伴直面挑战， 应对未来发展

Weidmüller enables industrial development

To help more customers and partners face challenges and address future development

应用 Applications



光伏
Photovoltaics



风能
Wind



魏德米勒监控系统
Weidmüller Monitoring Systems



机械
Machinery

机械和工厂自动化 Machine and Factory Automation



消费品与包装
Consumer Goods & Packaging



汽车及上下游
Automotive & Suppliers



电梯与自动扶梯
Elevators & Escalators



物流
Intralogistics

能源 Energy



风电
Wind



传统发电
Traditional Power

交通 Transport



轨道
Railway



航运
Marine



电动交通工具
Mobility Concepts



基础设施
Infrastructure

基础设施建设 Building infrastructure



办公楼
Office buildings



住宅
Commercial buildings



远程维护
Remote Maintenance



工业分析
Industrial Analytics



半导体
Semiconductor



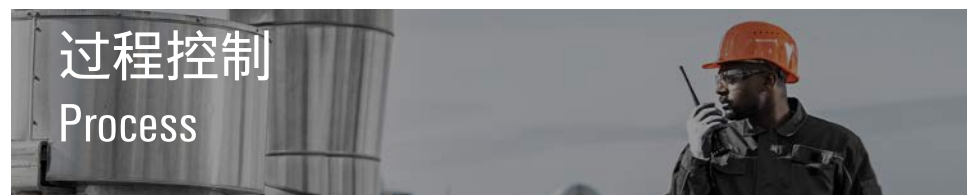
锂电
Lithium battery



物流
Logistics



光伏
Photovoltaics



过程控制 Process



水处理
Water treatment



石油与天然气
Oil & Gas



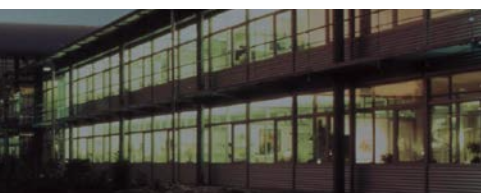
输配电
Transmission & Distribution



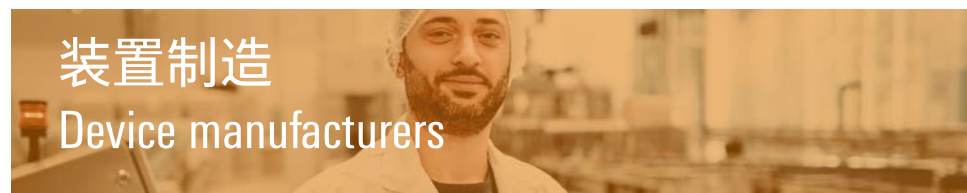
化学与制药
Chemical & Pharmaceuticals



氢
Hydrogen



工业厂房
Industrial buildings



装置制造 Device manufacturers



机器人
Robotics



控制装置
Control devices



政府大楼
Official buildings



电讯装置
Telecom munications devices



电力电子
Power electronics



魏德米勒工业物联网解决方案应用 Weidmüller IIoT Solutions

许多公司都拥有关于工业物联网应用的基本知识，但通常缺乏独立运用的专业知识。因此，这些公司在最初获取和存储数据后往往不会进一步出于特定目的使用它们。然而，可衡量的特定价值首先需要通过所收集的数据进行逻辑关联和评估。

魏德米勒工业物联网解决方案可获取、了解和使用数据，通过数据为运营和服务生成附加价值，让客户在未来发展处于更好的位置。

Although many companies possess basic knowledge about Industrial Internet of Things (IIoT) applications, they often lack the expertise required to apply such knowledge independently. As a result, these companies may fail to use the data for specific purposes after acquiring and storing it. However, logic correlation and assessment with data collected is the first step towards achieving specific measurable value.

Weidmüller's IIoT solutions capture, comprehend, and use data to generate added value for operations and services, thereby helping customers gain a better position in future development.

扫码了解具体应用



Scan the QR code to know more details

客户需求

- 机器制造商或系统操作者将机器联接至现有的物联网平台或服务平台
- 能够直接联接新机器并升级现有机器
- 开发新的物联网平台或服务平台并提供特别服务

魏德米勒解决方案

- 通过额外的传感器联接至众多控制系统和机器的接口来获取数据
- 通过标准化的网络工程软件来处理数据：具备物联网功能的u-control网络版
- 数据通信，通过移动无线电通信或通过安全路由器联接网络，通过受控和非受控的开关与同一网络内的不同参与者进行高效联网
- 通过数据分析和独立于平台的单独服务创造附加值

Customer demands

- Machine manufacturers or system operators can connect their machines to existing IoT platforms or service platforms
- Direct connection of new machines and upgrading of existing machines are both possible
- New IoT platforms or service platforms can be developed with special services

Weidmüller solutions

- Data access is realized through use of additional transducers connection to the ports of different control systems and machines
- Data processing with standard network engineering software: the network version of u-control with IIoT functions
- Data communication: Mobile radio communication or networking via secure routers is adopted. Efficient networking with different participants in the same network is achieved using controlled and uncontrolled switches
- Added value is created through data analysis and separate platform-neutral services



魏德米勒着眼于机器人行业的应用 Weidmüller Solutions in Robot Industry

客户需求

- 解决汽车工业中频繁的反复插接问题，提高效率
- 机器人电梯工程焊接功能区域在有限的安装空间确保信号联接
- 快速地了解生产设备中电能参数的变化情况

魏德米勒提供开发机器人典型应用产品解决方案

- 魏德米勒的FreeCon Contactless非接触式电源、信号和数据传输连接器，针对汽车制造中频繁的反复插接的应用场合，可以实现完全不用更换作业工具，无需接触，拥有更高的功率密度并可达到更高的效率
- 每个机器人都配备了一个来自魏德米勒的u-remote远程I/O，它通过EtherCAT联接到上级控制系统，在有限安装空间实现信号联接
- 具有综合功能的魏德米勒Energy Meter电能表不仅能监测电能的消耗，还能监测电能质量的基本参数，重要的监测数据和能耗都能一目了然

Customer demands

- The efficiency is improved by solving issues related to frequent insertion operations in automotive industry
- The robot elevator engineering welding function area ensures proper signal connection in restricted installation spaces
- Variations of electric energy parameters of production equipment can be learned rapidly

Weidmüller provides solutions for typical robot applications

- Weidmüller's FreeCon Contactless power, signal and data transmission connectors are designed to eliminate frequent insertion and connection operations in automobile manufacturing processes. The benefits include no need for replacing operation tools, contactless operation, higher power density, and higher efficiency
- Each robot is provided with u-remote I/O system from Weidmüller. It is connected to the higher-level control system via EtherCAT to realize signal communication in a restricted installation space
- The Weidmüller Energy Meter offers comprehensive functions. Besides measuring the consumption of electrical energy, it is able to monitor the basic power quality parameters. All important data and energy consumption values are readily visible

伴随着中国制造向中国创造迈进的策略制定，智能制造上升为国家战略，随着智能制造的发展，机器人市场发展迅猛，连续多年，中国一直是工业机器人增长迅速的市场之一。

魏德米勒针对市场需求，为客户提供创新性的涵盖机器人市场方方面面的综合解决方案，助力客户实现高效、高性能的自动化策略。

As the concept of "Made in China" is evolving towards "Created in China", intelligent manufacturing now manifests itself as a national strategy. Boom of the robot market is a good example of the growing intelligent manufacturing industry. For years, China has been among the fastest growing industrial robot markets. By closely following market demand.

Weidmüller provides customers with a complete range of innovative solutions that cover all links of the robot industrial chain, and helps customers develop efficient and high-performance automation strategies.

扫码了解具体应用



Scan the QR code to know more details



魏德米勒高效助力智能化物流 Weidmüller Contributes to Intelligent Logistics



近年来，各大型物流公司都在跑马圈地，争取占据更大的市场份额。在这种情况下，全国各地快件量大幅度增长，需要新建更多更大的快件集散场地，还要确保快件的时效性和准确率，这就需要新建更多的自动化分拣输送系统。

魏德米勒以UR20为核心的分布式I/O解决方案，大大优化了工厂物流系统的预制、现场快速交付等过程，也为物流系统提供了更加可靠的设备运行保障。

All major logistics companies have been striving to capture larger market shares in recent years. Against this backdrop, the total volume of express shipments across the nation has increased significantly, which calls for construction of more and larger express parcel distribution centers, and for timely and accurate express shipments. Setup of more automated sorting and conveying systems is therefore necessary.

Weidmüller's distributed I/O solution is centered on UR20. It greatly optimizes prefabrication and rapid on-site delivery procedures of factory logistics systems, and meanwhile guarantees more reliable equipment operation in these logistics systems.

扫码了解具体应用



Scan the QR code to know more details

客户需求

- 高可靠和容错能力
- 简化运维工作
- 提高布线效率和准确性

魏德米勒提供UR20远程I/O解决方案

- 在-20~60°C的环境下都能维持正常工作，其IP20的防护等级也能够轻松应对极大温差的现场环境
- 通过LED灯进行提示模块或者接线点出现问题，其每个模块都支持在线热插拔，拆分方便，不影响正常工作，轻松解决了分拣设备电气接线的错接率高、反复查线等高频易错的问题
- 采用PUSH IN直插式的接线方式，大大提高了接线效率，同时彩色编码确保无错布线

Customer demands

- High reliability and error tolerance
- Simplified operation and maintenance work
- More efficient and accurate wiring

Weidmüller provides UR20 I/O solutions

- Normal operation can be maintained in the temperature range of -20~60°C, and its IP20 protection degree leads to easy adaptation to working environments with extreme temperature variations
- LED lights are adopted to indicate problems of modules or wiring points. Each module can be hot swapped or disassembled online without any interference to normal operation. It easily solves issues related to frequent and error-prone operations of sorting equipment such as high misconnection rate and repeated wire inspection
- PUSH IN technology approach greatly improves wiring efficiency, and color coding ensures error-free wiring

魏德米勒助力工业制冷装备 Weidmüller Contributes to Industrial Cooling Equipment

如何通过安全可靠、灵活方便的电联接技术，打造安全、一流的工业制冷装备，一直是工业制冷机器制造商们不得不考虑的环节。从极高温到极低温的变化往往差别巨大，在这些环境下运行的加工设备随着自身运行产生的热能，其内外部温度的控制如果不进行及时调节控制，无疑将给设备带来损害，甚至影响生产过程，导致停工停产。

魏德米勒提供了Klippon® Connect WPD分线端子及工业电源等解决方案，为国内设备提供商带来了一系列创新的价值。

Building safe and top-grade industrial refrigeration equipment with safe, reliable, flexible and convenient electrical connection technologies has been a constant focus among industrial refrigeration machine manufacturers. In environments with dramatic changes between extreme temperatures, the temperature inside and outside processing units and the heat they generate during operation need to be well regulated and controlled in a timely manner, otherwise the units may be damaged, and the production processes or cycles may be interrupted in serious cases.

Weidmüller provides corresponding solutions such as Klippon® Connect WPD terminal block and industrial power supply, which bring streams of innovative value to domestic equipment providers.

扫码了解具体应用



Scan the QR code to know more details

客户需求

- 更高的设备安装效率
- 快速安装和灵活的组合特性

魏德米勒提供Klippon® Connect WPD分线端子解决方案

- 采用紧凑、坚固的设计，体积适中，使铝导线或铜导线在一个很小的体积里方便和安全地安装，满足制冷设备电气柜的要求。并且可以提供最多9个连接孔，满足设备上一分多的分线要求，大大节约了柜内宝贵的空间和满足布线要求
- 在设计上采用螺钉式联接，最大额定电压高达1,000VAC/1,500VDC，额定电流可高达353A，最大导线面积185mm²，无论是在切削液冷却机、水冷柜还是在热交换器中都能够安稳无忧地完成电源分配任务，提高设备的安全性和可靠性

Customer demands

- More efficient equipment installation
- Rapid installation and flexible feature combinations

Weidmüller provides Klippon® Connect WPD terminal block solutions

- Thanks to a compact and firm design with a moderate volume, aluminum or copper conductors can be easily and safely installed in a small space, thus meeting the requirements for electrical cabinets of refrigeration equipment. Up to 9 connection holes may be provided to enable one-to-multiple distribution configuration for the equipment, which saves valuable cabinet space and wires significantly
- A screw connection is designed, with a maximum rated voltage of 1,000VAC/1,500VDC, a rated current of 353A, and a maximum wire cross section area of 185mm². Power distribution requirements can be met in a secure and worry-free way for various machines such as cutting fluid cooler, water cooling cabinet, and heat exchanger. Equipment safety and reliability are therefore greatly improved



魏德米勒智联消费锂电，创赢绿色未来

Weidmüller Consumer Lithium Battery Solutions Contribute to a Greener Future

如何基于自动化和电气联接技术，更好地完成消费锂电池的切边整形工序，从而帮助其下游锂电生产商更加高效、可靠和高质量地完成下游工序乃至整个锂电池生产流程？

魏德米勒凭借极富盛名的自动化远程I/O方案，让设备商的电芯热压整形设备“如虎添翼”，大大提升了设备品质，缩短了交付时间，降低了总体成本，赢得了这一绿色能源市场的制高点。

How to improve the trimming and shaping steps of consumer lithium batteries with the aid of automation and electrical connection technologies in order to enable downstream lithium battery manufacturers to complete downstream steps and the entire lithium battery production process with a higher level of efficiency, reliability, and quality?

The u-remote I/O solution of Weidmüller makes equipment manufacturers' battery core hot pressing and shaping equipment more powerful. As a new pace setter in the green energy market, it leads to greatly improved equipment quality, shorter lead time, and lower overall cost.

扫码了解具体应用



Scan the QR code to know more details

客户需求

- 运行可靠和快速准确性
- 锂电设备在安装调试和运维过程中的灵活便利操作

魏德米勒提供UR20系列I/O解决方案

- I/O模块宽度仅为11.5mm，其模拟量I/O模块可以帮助热压整形设备实现模板热电偶、增压缸压力传感器等现场仪表与设备PLC控制器的稳定接线和即插即用，操作快速而稳定
- I/O系统采用PUSH IN直插式接线技术，设备商只需将带管状端头的导线插到压线框底部便可完成接线，相比传统的接线方式节约时间高达50%，而且单排结构的设计能够有效减少接线错误，从而减少了设备和系统的启动时间
- 模拟量模块，可以做到单模块最大8路，并且输入输出模块电压和电流方式是可选的，从而在备货和配置方面获得极大的便利性和灵活性

Customer demands

- Reliable, rapid, and accurate operation
- Flexible and convenient installation, commissioning, operation, and maintenance of lithium battery equipment

Weidmüller provides UR20 I/O solutions

- The I/O modules are only 11.5 mm in width. The analog I/O modules enable hot pressing and forming equipment to achieve stable wiring and plug-and-play function between field instruments such as mold thermocouple and booster cylinder pressure transducer and equipment PLC controller for fast and stable operation
- The I/O system is based on PUSH IN technology. The equipment manufacturer only needs to insert the tubular end of a conductor into the bottom of a crimping frame to complete its wiring. Compared with traditional wiring methods, up to 50% time can be saved. In addition, the single-row structural design can effectively reduce wiring errors, thus shortening the equipment and system startup time
- A single analog module can contain up to 8 channels, and the voltage and current modes of the input and output modules are selectable to great convenience and flexibility in the course of stocking and configuration



魏德米勒烟草行业供电解决方案应用 Weidmüller Power Supply Solutions in Tobacco Industry

客户需求

- 打造完整流畅的打叶复烤生产线需要可靠的电源稳定供电
- 为打叶复烤生产线设备节省空间和节约布线时间

魏德米勒提供供电解决方案

- PROtop系列电源，可靠性高，抗干扰能力强，可以提供稳定，持久和高效的直流输出，在打叶复烤应用上，凭借强功率裕量，长使用寿命，及对环境和振动的高适应性，为产线提供稳定可靠的直流供电输出
- 电子负载监控maxGUARD整合了以往需要独立安装的等电位分配端子，形成24V电源分配与监控系统，在个别设备发生故障时，能保证和维持关键的回路系统正常运行，产品的模块化设计及直接的横联件联接模式，可节省50%的空间及节约20%的安装时间

Customer demands

- A complete and smooth threshing and redrying production line requires reliable power supply
- Both space and wiring time can be saved for threshing and redrying production line units

Weidmüller provides power supply solutions

- PROtop series power supply features high reliability, strong interference resistance and provide stable, efficient, and lasting DC output. PROtop used in threshing and redrying lines, the benefits it brings to the production lines include stable power margin, a long service life, and high adaptability to environment and vibration
- The electronic load monitoring maxGUARD has integrated equipotential distribution terminals that were previously installed independently, forming a 24V DC power distribution system. In the case of a single equipment failure, it can ensure and maintain the normal operation of the critical loop system. The cross-connection mode for various modules effectively save up to 50% space and 20% installation time

中国是烟草大市场，每年消费占世界销售市场的三分之一，烟叶的打叶复烤工艺是烟草行业适应现代化商业生产而发展起来的，打叶复烤取代挂杆复烤成为了烟草行业价值链上一个不可或缺的重要组成部分，其高效的工艺流程需要可靠的、持续不间断的供电保障。

魏德米勒PROtop电源和maxGUARD电子负载监控的供电解决方案，全方位地提升打叶复烤生产线的防护等级。

As a huge tobacco market, China consumes one third of the world's total tobacco sales every year. The threshing and redrying process of tobacco leaves represents a modern advancement from stick redrying for commercial production. It has grown into a critical and indispensable link in the value chain of tobacco industry. Its efficient process requires reliable and uninterrupted power supply.

Weidmüller's PROtop power supply and maxGUARD electronic load monitoring power solution improve the protection level of threshing and redrying production lines comprehensively.

扫码了解具体应用



Scan the QR code to know more details



魏德米勒助力风电桨叶监控应用 Weidmüller Contributes to Wind Blade Control

客户需求

- 风电机组的风机叶片实时状态监测
- 避免风电系统的故障

魏德米勒提供BLADEcontrol®桨叶监测解决方案

- 风机叶片状态监测系统BLADEcontrol®平台主要包括高精度加速度传感器、数据采集测量单元、机舱内的无线接入点和数据评估服务器等硬件设备，以及状态监测与健康管理系统、叶片状态异常报警系统等软件部分
- 利用数据模型与算法实现对于风机叶片的振动传感、状态评估、故障诊断、状态趋势预测、维护管理等功能，帮助客户实现数字化管理，增加生产效益，降低安全风险

Customer demands

- Real-time monitoring of wind turbine blades
- Prevention of wind turbine system failures

Weidmüller provides BLADEcontrol® blade monitoring solutions

- As a wind blade control monitoring system, the BLADEcontrol® platform mainly consists of hardware parts such as high-precision acceleration transducer, data acquisition & measurement unit, wireless access points in the engine room and data evaluation servers, as well as software components such as status monitoring & health management system and abnormal blade status alarm system
- Data models and algorithms are adopted to realize various functions such as vibration sensing, state assessment, fault diagnosis, state trend prediction, and maintenance management for wind turbine blades, thus helping customers perform digital management, increase production efficiency, and reduce safety risks

随着风机大型化趋势愈发明显，叶片大型化已成为未来发展的方向，并受到中国相关政策支持。由于生产工艺不良或受恶劣作业环境影响，叶片易出现损伤、断裂，甚至损坏。

魏德米勒利用智能化的监测系统实时监控叶片运行状态，掌握叶片运行中可能存在的各种风险，并通过预防性维护保养，将风险扼杀于“摇篮”中，无疑是非常明智的选择。

With increasing popularity of large wind turbines, use of large blades has become a natural trend, as evidenced by supporting Chinese policies. Such blades may fail, break, or damage over time due to inferior production process or harsh operation environment.

Weidmüller offers an intelligent monitoring system to monitor the operation status of blades in real time, and learn various operation risks that may arise. The system is also able to prevent the risks in an early stage by means of preventive maintenance. It is therefore an ideal choice for blade users.

扫码了解具体应用



Scan the QR code to know more details

魏德米勒在智能水泵控制器中的应用 Weidmüller Products in Intelligent Water Pump Controllers

客户需求

- 提高智能水泵控制器中PCB端子接线的装拆效率
- 避免联接故障，解决维护问题
- 水泵控制器需抗高温防老化

魏德米勒提供OMNIMATE LSF系列端子解决方案

- 采用PUSH IN直插式技术，联接可靠，节省时间
- V型结构可实现导线插入锁紧后被弹片端部顶紧形成“倒扣自锁”，实现较高的抗震防松脱性能，抗振动能力强，让产品几乎可适用于各种苛刻环境场合
- 采用LCP绝缘塑胶材质表现堪称优秀 — LCP耐高温且不含卤素，熔点温度高达335°C，该材料有很好的稳定性，还可以耐受回流焊过程中的高温
- 使用颜色编码和直观的按钮，减少操作错误

Customer demands

- More efficient PCB terminal wire assembly/disassembly for intelligent water pump controllers
- Preventing connection failures and fixing maintenance issues
- The water pump controllers should be highly resistant to high temperature and aging

Weidmüller provides OMNIMATE LSF series terminal solutions

- PUSH IN technology is used to allow faster wiring while achieving reliable connection and significant time saving
- With the V-shaped design, once the conductor is inserted and locked, it is pressed tightly by the end of the spring piece to form an "inverted self-locking" structure. This structure is characterized by high resistance to vibration and loosening force, making the product suited for nearly all harsh environments
- The LCP insulating plastic material provides excellent performance: Besides high thermostability, LCP contains no halogen, and has a melting point of 335°C. This material features good stability, and is able to withstand high temperature during reflow soldering
- Color codes and intuitive buttons are used to reduce operation errors

如今的农忙时节，如何提高农业用水效率，改善生态环境，实现现代化精确农业？

魏德米勒PCB端子接线技术在智能水泵控制应用中出色的发挥出关键作用，助力新兴的智慧农业。

How to increase agricultural water use efficiency, improve ecological environment, and realize modern precision agriculture in busy farming seasons?

Weidmüller's PCB terminal wiring technology plays a critical role in intelligent water pump control applications and makes great contribution to emerging smart agriculture.

扫码了解具体应用



Scan the QR code to know more details



魏德米勒助力机车仿真测试平台

Weidmüller Contributes to Design of Locomotive Simulation & Test Platforms

如今，随着智能化无人驾驶地铁车辆对安全性要求越来越高，制动系统的研发测试变得更为重要。为此，机车高效仿真测试平台正在成为主机制造商和配套系统提供商的研发测试利器！

魏德米勒的紧凑型重载连接器解决方案，则为轨道交通核心系统提供商设计领先的半实物仿真测试平台提供了关键助力。

With increasing requirements for safety of intelligent driverless subway vehicles, R&D and testing of braking systems are now more important than ever. For this reason, efficient locomotive simulation & testing platforms are becoming a key R&D tool for machine manufacturers and supporting system providers!

Weidmüller's compact HDC solutions greatly facilitate the work of rail traffic core system providers in their design of leading hardware-in-the-loop simulation test platforms.

扫码了解具体应用



Scan the QR code to know more details

客户需求

- 仿真测试准确简单
- 空间有限，安装紧凑灵活

魏德米勒提供紧凑型重载连接器解决方案

- 从16芯到24芯的紧凑型重载连接器，均采用矩形结构，实现防错差编码，对测试台所需的近千个接线点进行预先安装，提高设备安装效率，节省接线人工，减少接线错误率
- 即插即用的方式，只需测试现场的连接器对插即可完成测试安装，为加快部署测试平台奠定了基础
- 尺寸减少50%以上，重量减少超过65%，大大节省了安装空间和满足承重要求
- 提供侧出出线口方式供选择，为客户带来了更大便利
- 防护等级高达IP65，设计方面以满足机械振动要求的簧片插针，替代昂贵的车削圆形插针，满足测试过程的振动环境要求

Customer demands

- Accurate and simple simulation test
- Compact and flexible installation in restricted spaces

Weidmüller compact HDC solutions

- The compact HDC with 16 to 24 pins are all based on a rectangular structure for error-proof coding. Nearly 1,000 wiring points required for the test table are pre-installed to improve equipment installation efficiency, save wiring labor, and reduce wiring error rate
- The plug-and-play approach means that test installation can be completed by simply plugging the connectors on the test site. This helps accelerate deployment of the test platform
- As the product size and weight have been reduced by over 50% and 65% respectively, the requirements for customer panel installation space and load-bearing capacity are much lower
- Side ports for outgoing lines are provided to bring more convenience to customers
- The protection degree is as high as IP65. Reed pins with good mechanical vibration performance are used in place of expensive turned circular pins in the design to meet vibration environment requirements



魏德米勒于轨道交通AFC系统的一站式应用 Weidmüller Products in Rail Traffic AFC Systems

客户需求

- AFC系统数据通信的高可靠性
- AFC系统设备内部供电稳定

魏德米勒解决方案

- PRO Max电源应用在AFC系统的自动售票机、自动检票机和票房售票机等设备内部，提供稳定的交流转直流供电，保证设备的可靠运行和高利用率
- 工业级以太网交换机构成独立的冗余环网结构，当环网链路或节点发生故障的情况下，备份链路在20毫秒内启用，保证车站AFC系统的安全通讯，同时工业交换机所运行的专业网络管理软件，能够观察网络上任何一个节点的设置，方便用户查询网络设备状态并进行精确跟踪

Customer demands

- High reliability of AFC system data communication
- Stable internal power supply for AFC system equipment

Weidmüller solutions

- The PRO Max power supply is used for AFC system equipment like automatic ticket machine, automatic ticket checker, and box office ticket machine. By feeding stable AC to DC power, it ensures reliable operation and high availability of the equipment
- Industrial Ethernet switches are adopted to form an independent redundant ring network structure. If a failure occurs in a link or node of the ring network, a backup link will be activated within 20 milliseconds to ensure safe communication of the AFC system of the corresponding station. Moreover, the professional network management software running on the industrial switches is capable of observing the settings of any node in the network, thus allowing users to view the status of network devices and track them accurately

随着轨道交通、综合管廊和铁路建设的发展迅猛，对系统建设的智能化、高效化需求越来越显著，如具有代表性的轨道交通自动售票系统(AFC)，就要求具备高度智能化，在方便乘客的同时，也提高了轨道交通的运营效率。

魏德米勒以PRO Max等系列产品为代表的电源解决方案，配合工业以太网交换机的网络监控解决方案，为自动售票系统(AFC)提供了完整可靠的解决方案，能适应高频率、长时间运行带来的挑战。

As rail traffic systems, integrated pipe passages, and railway lines are growing rapidly, there is increasing demand for construction of intelligent and efficient systems. For instance, the rail transit automatic fare collection (AFC) system requires a high degree of intelligence to create convenience for passengers on one hand and to improve rail operation efficiency on the other hand.

Weidmüller's power supply solutions represented by its series products like PRO Max are provided together with network monitoring solutions using industrial Ethernet switches to meet the needs of the automatic fare collection (AFC) system completely and reliably. They can properly address the challenges arising from frequent and long operation of rail transit systems.

扫码了解具体应用



Scan the QR code to know more details

魏德米勒助力船舶控制清洁动力应用

Weidmüller Contributes to Clean Power Applications in Ship Control

现如今，越来越多的燃油船舶，开始采用清洁、经济的LNG液化天然气作为绿色动力。

魏德米勒为船舶控制清洁动力提供安全可靠、高效灵活的电气控制柜信号联接与供电系统，助力船舶满足港口码头地区对于船舶排放的限制要求，同时也在远洋航行中保护了海洋生态环境，减少二氧化碳排放，显著提高船舶环保性能。

More and more fuel-powered ships have begun to use clean and cost-effective liquefied natural gas (LNG) as green power.

Weidmüller provides a safe, reliable, efficient and flexible electrical control cabinet signal connection & power supply system for green power control of ships, helping them meet port emission regulations and protecting marine ecological environment during ocean voyages. By reducing carbon dioxide emission, it makes ships much more environmental-friendly.

扫码了解具体应用



Scan the QR code to know more details

客户需求

- 船用LNG燃料供气系统在储存、加热和输送等环节上，高安全性和稳定耐用的供电保障

魏德米勒为控制清洁动力提供电气控制柜信号联接与供电系统解决方案

- 作魏德米勒ACT20X系列安全隔离栅，通过介于现场仪表阀门和控制设备之间的限能电路限制了主控制柜供给现场仪表的电能量，对于LNG供气系统的防爆区和安全区的信号隔离起到了至关重要的作用
- 魏德米勒强大的全套电源解决方案如PROmax、PRO DC电源等，为主控制系统提供了高效稳定的供电能力，同时还提供备用的电池和UPS不间断电源，进一步保障系统稳定性，即便出现短暂掉电也安稳无忧

Customer demands

- The marine LNG fuel gas supply system guarantees a high level of safety, stability, and durability during storage, heating and transportation

Weidmüller provides solutions for electrical control cabinet signal connection and power system solutions for clean power control

- Weidmüller ACT20X series safety barrier uses an energy-limiting circuit between a field instrument valve and a control unit to limit electric energy supplied to the field instrument. It plays a critical role for isolating signals in the anti-explosion zone and safety zone of the LNG air supply system
- Weidmüller provides a complete range of practical power supply solutions such as PROmax and PRO DC power supply that feed power to main control systems efficiently and stably. Backup batteries and UPS are also available to further improve system stability, eliminating concerns in the case of short power outage



魏德米勒助力环保产业进程加速

Weidmüller Helps Accelerate Environment Protection Industries

随着中国的城市化进程加速，城镇的各类垃圾处理日益凸显其重要性。如何让随处可见的餐厨垃圾妥善得到无害化、减量化和资源化的处理，是改善城市环境、保障大众食品安全的重要课题，具有巨大的环境效益与社会效益。

魏德米勒为餐厨垃圾处理设备提供了极其出色的电能监控解决方案。

As urbanization in China is gaining speed, disposal of various types of municipal waste is becoming increasingly important. Treating the ubiquitous kitchen waste in a harmless way to reduce pollution and maximize recycling is now a major topic. Such treatment helps improve urban environment and protect public food safety with tremendous environmental and social implications.

Weidmüller offers top-grade energy monitoring solutions for food waste treatment plants.

扫码了解具体应用



Scan the QR code to know more details

客户需求

- 环保处理用电设备及其电气系统需要保证用电的安全可靠，也需要尽量做到节能降耗、提高效率
- 保证整套餐厨垃圾处理设备稳定运行，便于使用，同时降低故障发生率

魏德米勒提供EM220电能表解决方案

- 作为主要测量电压、电流、功率、电量等关键用电参数的仪表，可以帮助餐厨垃圾处理设备的用户实时了解设备运行状态和能耗情况，通过在线监测，及时分析和预防配电事故，从而提高电能的智能化管理和节能增效水平
- 提供了出色的显示界面和通讯能力，解决了原有电能表显示屏幕小、需要通过通讯协议转换设备才能获取电能数据等局限性

Customer demands

- Power safety should be guaranteed for power-consuming waste treatment units and their electrical systems. Other requirements include lower energy consumption and higher operation efficiency
- The whole set of kitchen waste treatment system should run smoothly and easily with a lower failure rate

Weidmüller provides EM220 electric energy meter solutions

- It is mainly intended to measure key power parameters such as voltage, current, power, and electricity consumption. It enables users of kitchen waste treatment units to understand the operation status and energy consumption of the units in real time. Through online monitoring, power distribution accidents can be analyzed and prevented in time, thus improving intelligent management of electric energy and achieving more significant energy saving and efficiency improvement
- Excellent display interface and communication capabilities are provided. Limitations of the original electric energy meter such as the small display screen and the need to obtain electric energy data through a communication protocol conversion unit have been eliminated
- The protection degree is as high as IP65. Reed pins with good mechanical vibration performance are used in place of expensive turned circular pins in the design to meet vibration environment requirements



魏德米勒提供从产品到服务的全面解决方案 一个电联接的世界

Weidmüller provides comprehensive solutions from products to services A world full of connections

魏德米勒可提供4万多种满足各种级别需求的电气柜、自动化和数字化技术的产品，满足不同客户及合作伙伴需求，提供全面的解决方案及服务。

Weidmüller can provide more than 40,000 products for cabinets, at the field and device level, as well as automation and digitalization technology, meeting various demands of different customers and partners, and providing comprehensive solutions and services.



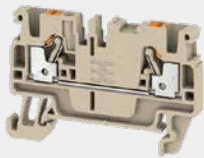
云服务
Cloud Services



现场服务
Field Services

机柜 Cabinet IP20

电力
POWER



接线端子
Terminal blocks



电源
Power supplies

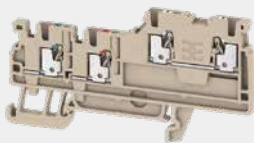


继电器模块与固态继电器
Relay modules & Solid-state relays



测量和监控系统
Measuring and monitoring system

信号
SIGNAL



接线端子
Terminal blocks



PLC接口板和解决方案迁移
PLC interfaces and migration solutions



模拟信号隔离器
Analogue signal conditioning



电涌保护器
Lightning and surge protection

数据
SIGNAL



传感器
Sensors



控制器
Controls



I/O系统
I/O Systems



触摸屏
Touch-Panels



工业以太网
Industrial Ethernet

工作场所
WORKPLACE



全自动化机器
Fully automatic machines



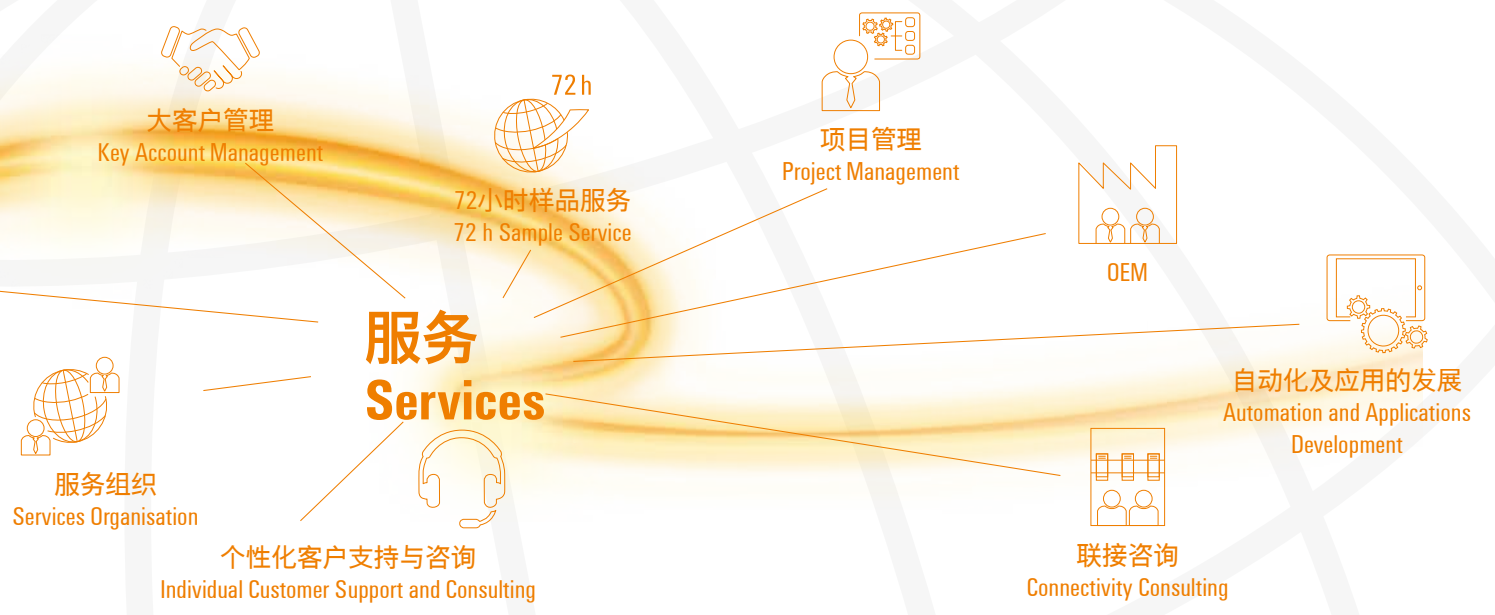
半自动化机器
Automatic machines



工具
Tools



打印机
Printers



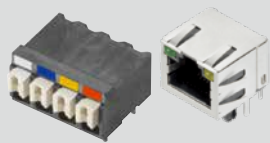
装置 Devices



PCB接线端子和接插件
PCB terminals and connectors



PCB接线端子和接插件
PCB terminals and connectors



PCB接线端子
PCB terminals

现场 Field > IP20 ... IP69K



重载接插件
Heavy duty connectors



分线盒
Distribution boxes



非接触式联接
Contactless connectivity



接盒系统
Enclosure systems



进线系统
Cable entry systems



现场总线分线盒
Fieldbus distributors



服务接口
Service interfaces



芯线套装、接插线和电缆
Cord sets, patchcords and cables



IP67 I/O 系统
IP67 I/O Systems

软件与云 Software & Cloud



工业分析与工业物联网服务
Industrial Analytics & IIoT-Service



工程和可视化工具
Engineering and Visualisation tools



魏德米勒WMC配置软件
Weidmüller Configurator



标记号
Markers



线槽
Cable ducts

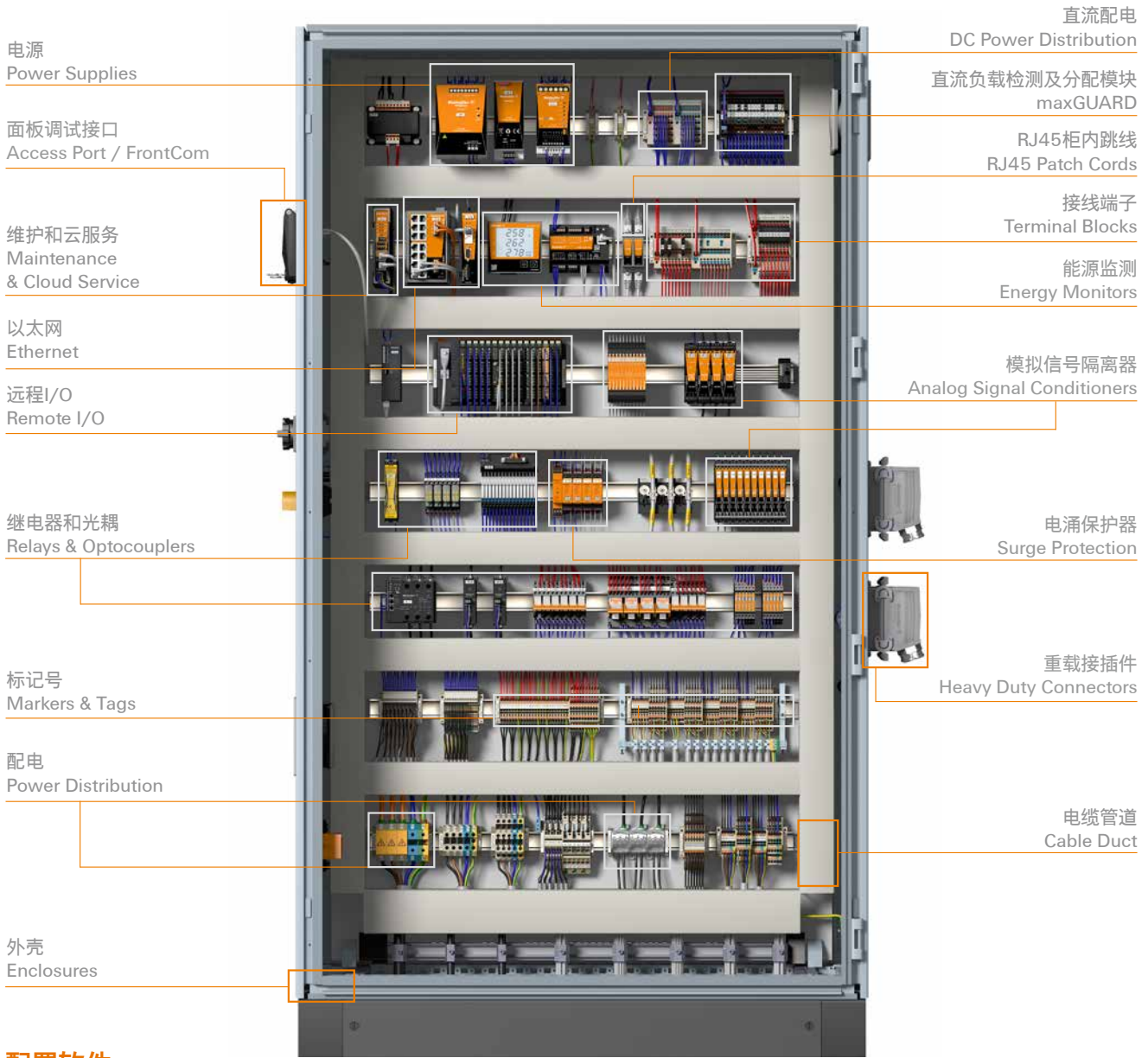


工业照明
Industry lights

您的工业联接解决方案合作伙伴

Weidmüller – Your Solution Partner in Industrial Connectivity

机柜 Cabinet



配置软件

Configuration Software



魏德米勒配置软件WMC

- 简化配置和订购以提高面板规划、安装和操作的效率
- 故障最小化
- 用户友好
- 易于记录

Weidmüller Configurator

- Simplifies configuration and ordering for extra efficiency in panel planning, installation and operation
- Minimization of failures
- User-friendly
- Easy documentation



产品配置/选择软件

- 竞争对手产品换型数据库
- 配置自定义> PCB端子和接插件, 矩形连接器, 以太网电缆和连接器, SAI线缆和连接器

Product Configuration/ Selection Software

- Competitive cross reference database
- Configure custom PCB terminals & connectors, rectangular connectors, Ethernet cabling and connectors, SAI cordsets and connectors

远程I/O

u-remote Remote I/O

- 宽度仅11.5mm，节省空间，提供灵活的设计选项
 - 通道LED状态可实现快速故障定位和可靠诊断
 - 高速系统总线提供高电子性能和实时映射
 - 通过简单、方便的标记，清晰可见模块识别一目了然
 - 直插接线和模块热插拔加快系统安装及调试
- The 11.5mm width saves space and delivers flexible design options
 - Status LEDs enable rapid error detection and reliable diagnosis
 - High-speed station bus offers high performance and real-time mapping
 - Simple, convenient markers for clear visible module identification
 - The Plug and Go setup speeds up installation



工业以太网交换机

Industrial Ethernet Switches

- 管理型和非管理型
 - 支持千兆和POE供电
 - 支持RJ45端口
 - 支持光纤端口(SC/ST/LC接头)
 - 带继电器状态触点
 - 金属和塑料外壳
- Managed and unmanaged
 - GigE and POE
 - Support copper (RJ45)
 - Fiber optic (SC, ST, LC)
 - With relay status contacts
 - Metal and plastic housings



维护和云服务

Maintenance and Cloud Service

- IIoT应用程序
 - 增强访问设备的安全性
 - 定制系统管理
 - 状态监测和报告
 - 安全远程维护和远程诊断
- IIoT Applications
 - Enhanced security for easy plant or machine access
 - Customized system management
 - Status monitoring and reporting
 - Secure remote maintenance and remote diagnostics



电源

Power Supplies

- 从0.7A - 40A
 - 冗余方案
 - 交流和直流输入
 - 单相和三相输入
 - UPS控制单元/备用电池单元
 - 直流 - 直流转换器
- Ranges from 0.7A to 40A
 - Redundancy options
 - AC and DC input voltages
 - Single and 3- phase versions
 - UPS Control units/Battery backup units
 - DC-to-DC converters



maxGUARD/topGUARD直流负载检测及分配模块

maxGUARD/topGUARD

- 负荷监测与直流电压分配相结合
 - 模块化系统
 - 远程复位
 - 灵活的连接和轻松的横联选项
 - IO-Link通讯
- Load monitoring and DC voltage distribution combined
 - Modular system
 - Remote reset
 - Disconnect and easy cross connect options
 - Pluggable IO-Link module



模拟信号隔离变送器

Analog Signal Conditioning & Isolation

- 提供双通道版本及分配器版本
 - 防爆隔离安全栅
 - HART透传
 - 可配置的输入/输出
 - 产品最小至6mm宽度
 - 本安型信号变送器
- 2-channel models and splitters
 - Ex isolating barriers (IS)
 - HART transparent options
 - Configurable input/output
 - From 6mm wide per unit
 - Intrinsically safe signal conditioners



AC电能表

AC Power Monitoring

- 电压或负载监控
 - 单相或三相配置选项
 - 数字输出
 - UL认证
- For voltage distribution or load monitoring
 - Single or 3-phase voltages
 - Digital output
 - cULus approvals



机械式和固态继电器

Mechanical and Solid-State Relays

- 宽度最小至6.1mm
 - 螺钉、弹片和直插连接方式
 - 1、2、4组转换触点
 - 更长的机械/电气寿命
 - 支持感性负载和高频率切换
 - 安全和时间控制功能
 - 提供独立部件或套件
 - 多种附件可选
- From 6.1mm width
 - Screw, tension-clamp and push-in connections
 - 1, 2, 4 CO contacts
 - long mechanical/electrical life
 - Inductive loads & high frequencies
 - Safety and timing function
 - Individual or assembled Kits available
 - Optional accessories available



电涌保护器 Over Voltage Protection

- 通过IEC/EN 61643-11、UL 1449 4th Edition认证，适用于全球市场
- 适用于各种不同电压、不同接地形式的电网
- 高放电电流，高可靠性的带锁紧装置的插拔式模块设计
- 可选遥信功能
- 采用特殊设计的快速导轨安装
- Fully supports North American standards UL 1449 4th Edition
- All Power network grid types and voltages single, two, and three-phase systems
- Heavy duty, reliable, and pluggable Arrestor with locking mechanism
- Optional remote signaling contact
- Fast DIN-rail mounting by means of special mounting clip



电涌保护器 - 数据网络 Lightning & Surge Protection

- RS422
- RS232
- 同轴电缆
- 以太网(Cat 5 & 6)
- PoE
- RS422
- RS232
- Coax data networks
- Ethernet (Cat 5 & 6)
- POE



电涌保护器 - 测量、控制系统 Surge Protection

- 适用于模拟信号、数字信号以及各种通讯协议
- 放电电流高达20KA (8/20 μ s)
- 具有插拔式、可更换模块版本
- 具状态显示和遥信功能
- SPD测试装置
- 单级和多级的电路保护以及直接接地、间接接地功能
- 导轨接地
- For analog, status and network signals
- Discharges up to 20kA (8/20 μ s)
- Pluggable, replaceable SPD versions
- Local and remote status indication
- SPD element testing option
- Single, multi-stage and floating signal protection
- Integrated ground contact in base element



鼠笼式接线端子 SNAP IN Connection Terminals

- 免工具接线
- “咔哒”一声快速接线
- 可直接与硬导线和软导线进行接线
- 保证导线联接的安全和气密性
- 使全自动的接线流程成为了现实
- Tool-free wiring
- A clear "click" enables secure wiring in record time
- Directly connected with hard and soft wires
- Guarantees a safe and gas-tight connection of the conductor
- Make automatic wiring process has become a reality



直插式端子 Spring Connection with Push-In Technology

- 创新的直插技术，导线直接插入，保证很高大拉拔力
- 单手操作，可联接各种导线
- 大幅节省接线时间
- 安全可靠，灵活性高
- 省空间
- The innovative PUSH IN technology
- Direct insertion guarantees high conductor pull-out forces Simple handling for all conductor types
- Safety
- Flexibility
- Space-saving design
- Time saving



弹片式端子 Spring Connection with Tension Clamp Technology

- 抗震的弹片接线方式
- 保证气密性联接和很高的接触力
- 屋顶式设计的类型可节约空间
- 尤其适用于交通，船舶行业
- Shock and vibration proof
- No-maintenance connection for a safe, gas-tight contacting
- Roof variants
- Railway construction and shipbuilding



压线框式端子 Screw Connection with Clamping Yoke Technology

- 魏德米勒专利的压线框技术
- 压接范围广：0.05 mm² - 240 mm²
- 压线框和螺钉采用硬质钢，保证压紧力
- 紫铜导电片保证极好的导电性
- The patented Weidmüller clamping yoke system
- Wide clamping range: 0.05 mm² to 240 mm²
- Clamping yoke and clamping screw are made of hardened steel to provide a strong contact force
- Current bar made of copper insure good electrical conductivity



螺柱式接线端子 Screw Connection with Stud Technology

- 螺柱式接线技术，联接范围广：10 mm² - 300 mm²
- 采用O型端头压接在导线上
- 形成一个安全可靠，牢固的联接
- 非常适用于交通行业
- 通过国际铁路行业标准的测试
- Connection sizes: 10 mm² to 300 mm²
- Cable lugs crimped onto the ends of the conductor
- An affordable, safe and robust connection solution
- Particularly suitable for use within traffic engineering
- Tested according to international railway industry standards



装置 Devices

板载连接件 - 信号端子 OMNIMATE® Signal Terminals

- 从压线框螺钉联接技术到直插式弹片接线技术，用于所有截面积范围以及用于自3.50 mm起的所有标准间距
- 紧凑和多层结构，支持多达72回路
- 提供多种附件以实现不同辅助功能
- 提供波峰焊，穿孔回流焊以及表贴回流焊的产品
- Application-oriented connection technology from clamping-yoke screw connections to PUSH IN spring connections in all the relevant cross-sectional areas, in all standard pitches from 3.50 mm
- Compact, multi-layer designs up to 72-pole
- Optional accessories available
- Fit for THT (Wave soldering), THR or SMD soldering processes



板载连接件 - 电源端子 OMNIMATE® Power Terminals

- 包含压线框、直插式等不同的接线方式
- 满足UL 600V标准(对于UL使用组E和F甚至达到UL 1000V)
- 直插式系统中独特的‘联接安全理念’避免联接故障
- 钢质压线框和螺钉之间配合的特殊设计，免维护且抗震
- Clamping yoke and PUSH-IN connection technologies
- Simple UL approval of the device up to 600 V (even up to 1000 V for Group E&F)
- Unique ‘Connection Safety Concept’ for PUSH IN connection to prevent malfunction
- Maintenance free & vibration-resistant clamping yoke for screw connection



板载连接件 - 信号接插件 OMNIMATE® Signal Connectors

- 设计紧凑且多样，满足不同应用需求：最小间距产品为2.50mm，3.50mm间距产品最大到46针，3.81mm间距产品有高的载流能力，5.0Xmm间距产品广泛应用于不同的场合
- 线到板、板到线、板到板、线到线所有使用组合
- 提供多种附件以实现不同辅助功能
- 提供波峰焊和回流焊的板端产品
- Compact, strong, all-purpose: 2.50mm is the minimum pitch, 46 connections in 3.50mm pitch; highest load capacity in 3.81mm pitch; widest usage range in 5.0Xmm pitch.
- All usage combinations of wire to board, board to wire, board to board, wire to wire
- Optional accessories available
- Fit for THT (Wave soldering) or THR compatible soldering processes



板载连接件 - 电源接插件 OMNIMATE® Power Connectors

- 包含压线框、直插式等不同的接线方式
- 满足UL 600V标准
- 线到板、板到线、板到板、线到线所有使用组合
- 钢质压线框和螺钉之间配合的特殊设计，免维护且抗震
- 除了双侧法兰产品，同时提供可单手操作的中间挂钩产品
- Clamping yoke and PUSH-IN connection technologies
- Simplifies UL approval of the device up to 600V
- All usage combinations of wire to board, board to wire, board to board, wire to wire
- Maintenance free & vibration-resistant clamping yoke for screw connection
- Except the both side flange version, middle flange version is also provided which enables one hand operation



板载连接件 - 数据插座 OMNIMATE® Data Sockets

- 保证安全有效的联接
- 全屏蔽的产品设计可以满足高等级的电磁屏蔽等级
- 适用于不同的出线角度
- Ensure a safe and efficient interface
- The fully shielded product range boasts high levels of electromagnetic compatibility
- Caters to all established outlet angles



板载连接件 - 穿墙端子 OMNIMATE® Power Through - Panel Terminals

- 导线截面积高达95mm²，可承受电流达232A
- 多种联接方式，如焊接联接、电缆平头螺栓联接和免维护的压线框螺钉螺钉联接及直插式联接
- 水平或垂直出线方式
- 提供各种颜色、螺钉类型和模块化组装等个性化解决方案
- Conductor cross-sections to 95 mm² with currents up to 232 A
- Different types of connections such as soldering connection, cable lug bolt connection and service-free clamping yoke screw connection and PUSH IN spring connection
- Horizontal or vertical outgoing cable
- Available with color and screw variations and block assembly



现场 Field

RockStar® 重载接插件 RockStar® Heavy Duty Connectors

- 可靠的动力，信号及数据传输
- NEMA 4/4x及IP65防护等级
- 全品类的外壳及插芯可供选择
- 鼠笼、螺钉、弹片及压接等各种接方式
- Reliable power, signal and data transmission
- NEMA 4/4x and IP65 protection
- Complete range of connector inserts and housings
- PUSH-IN, screw, tension clamp, and crimp terminations



Klippon® 接线箱系统 Klippon® Protect Enclosure System

- ATEX, IECEx, UL50, UL Ex, CCC
- IP66防护等级 (NEMA 4/4X)
- 高温密封圈-50°C-135°C
- 有从1到4个格兰板的不同配置
- 材质316L不锈钢或304不锈钢
- ATEX, IECEx, UL50, UL Ex, CCC
- IP66 ingress protection (NEMA 4/4X)
- High temp gaskets -50°C to +135°C
- 1 to 4 gland plate configurations
- 316L stainless steel - 304 stainless steel



分布式自动控制及电源分配 - FieldPower® Decentralized Automation & Power Distribution - FieldPower®

- 现场IP20的原件可整合到模块化的外壳中，实现IP67防护
- 马达传送或机器人分站理想的电源分配方案
 - 带MaxGUARD保护的电源方案
 - 可使用PROtop进行分布式电源输送
 - 集成U-Remote的分布式I/O系统

- Modular IP67 enclosure system to integrate IP20 components in the field:
- Power distribution for conveyors and robots
 - Potential distribution with maxGUARD
 - Decentralize power supply with PROtop
 - Remote I/Os with u-remote



Cabtite® - 穿墙板电缆引入系统 Cabtite® - Cable Entry System

- 模块化进线框，适合多导线进线和引入配置
- 具有IP66防护等级(NEMA4x & 12)
- 适合压接外径3.0mm-34.0mm (0.12"-1.34")的圆形电缆，包括ASI电缆
- 电缆的抱紧力，按照DIN EN62444标准设计
- 110mm² (4.33")尺寸的空间，能容纳40根线
- Modular frames for multiple wire routing configurations
- Maintains IP66 (NEMA 4x & 12)
- Accepts round cable dia. from 0.12"-1.34" and ASI cable
- Integrated strain relief acc. DIN EN 62444
- Accommodates 40 wires in 4.33" of space



SAI接头及预制线缆 Sensor Actuator Connectors & Cordsets

- 各类M5, M8, M12, M23, 7/8"及阀等接头和预制线缆
- 多品种的线缆类型及配置
- 防焊接飞溅及超柔性(大于2千万次)电缆系列
- 屏蔽及非屏蔽类型
- 插头，柜板插座及焊板等各类连接器
- M5, M8, M12, M23, 7/8", and valve plug connectors and cordsets
- Wide range of cable types and configurations
- Weld slag resistant and high flex (>20 million cycles) versions
- Shielded and unshielded
- Plug, panel feed through, and board mounted connectors



工业以太网连接器和电缆 Industrial Ethernet Connectors and Cables

- 超六类接头和跳线适用于所有工业应用
- 满足PROFINET, SERCOS III, Ethernet IP等协议
- RJ45, M12 D编码和X编码的网线跳线
- LC, SC, SCRJ和ST头的光纤跳线
- 屏蔽及非屏蔽的预制线缆
- 多种类的长度可供选择
- Cat 6a connectors and cables for all industrial ethernet applications
- PROFINET, SERCOS III, Ethernet IP...
- RJ45, M12 D and X Coded
- LC, SC, SCRJ and ST fiber optic connectors
- Shielded and unshielded assembled cables
- Wide assortment of cut to length bulk cable



迁移系统 & 接口解决方案 Migration & Interface Solutions

- 用于DCS或PLC的控制系统和现场接线终端的集线
- 通用转换/迁移平台，用于将旧的DCS/PLC升级为新系统
- 标准和定制的预组装电缆和现场终端组件
- 集成部件(保险丝、开关端子)
- 紧凑、节省空间和装配时间

- Field Wiring termination and control system marshalling for DCS or PLC's
- Universal conversion/migration platform for updating legacy DCS/PLC to new systems
- Standard and customized Pre-assembled cables and Field Termination Assemblies
- Integrated components (fuses, disconnect)
- Compact, space and time-saving



生产 Workplace

切断工具 Cutting

- 最大可切割直径为80mm铜导线和铝导线
- 切面平整、切割部位不变形、不会损伤导线
- Cut copper and aluminum cables and wire up to 1260 kcmil
- Blade shape prevents wire distortion



螺丝刀 Screwdrivers

- 提供标准或VDE绝缘手柄
- 高性能铬钒铝合金柄
- 手柄SoftFinish设计手感舒适

- Available with standard or VDE insulated handle.
- Hardened high-alloy steel tips
- Soft-finish grip handles for comfortable handling



自动化机器 Automatic Machines

魏德米勒的自动化机器优化了安装时间，简化了生产流程。

- 断线机器
- 剥线机器
- 压接机器
- 剥线和压接机器
- 移动式线束加工中心

Our automatic machines optimize installation time and streamlines the manufacturing process.

- Cutting Machines
- Stripping Machines
- Crimping Machines
- Stripping and Crimping Machines



打印系统 Printing Systems

THM热传输打印机

- 体积小、经济灵活的电气柜标识解决方案

PRINTJET CONNECT喷墨打印机

- 魏德米勒行业领先的标记系统
- 高达1200dpi的清晰度、高饱和色彩的电气柜标识解决方案



Smart Laser激光打印机

- 无需耗材：激光直接打印技术无需墨水、色带或硒鼓
- 稳定：低维护及可长时间存储特性更适合本地客户需求

使用魏德米勒的M-Print Pro®软件，可控制所有魏德米勒打印机，快速轻松地进行标识编辑及打印工作



THM MultiMark

- Smart, flexible, economical all-in-one marking solution for the entire cabinet

PrintJet ADVANCED

- Weidmüller's industry-leading marking system
- Up to 1200dpi, full color printing solution for the entire cabinet



Smart Laser

- Directly laser printing technology. no ink, no ribbon, no toner needed
- Reliable - less maintenance and long storage time

剥线工具 Stripping

- 快速准确的剥线，不损坏单芯导线
- 剥线范围≥0.08mm

- Quick and accurate stripping with no damage to single conductors
- Stripping ability ≥0.08mm



压接工具 Crimping

- 用最小的力精准压接
- 管状端头压接范围：0.14-185mm²

- Precise crimp with minimal force
- Crimps wire-end ferrules from 0.14-185mm²



端头附件 Ferrules - Insulated and Non-insulated & Cable Lugs

管状端头 — 带塑料套或不带塑料套的管状端头
管状端头保证了电气联接的长期可靠性。

- 3种颜色系列可以选择
- 散装的，成条的，成卷的等各式各样的管状端头，截面从0.14-150平方



Wire end ferrules ensure a secure and reliable connection.

- 3 color codes available
- Loose, strips, reels and assortments from 26 AWG-300 MCM



标记号类型 Marker Format Types

端子标记号

- 适用于魏德米勒端子和其他制造商端子的空白标记号

导线和电缆标记号

- 高达10种导线及电缆标识，满足所有应用需求

设备和装置标记号

- 用于知名电气设备的标记号
- 开关和按钮

Terminal Markers

- Terminal blank identifiers for Weidmüller terminals and other manufacturers' terminals

Wire and Cable Markers

- Have 10 types wire and cable markers, suit for all application

Device Markers

- All other electrical components
- Switch and push button



产品与质量体系认证 Product & Quality System Certification



UL
USA 美国



CSA
Canada 加拿大



ATEX Certification
ATEX 防爆认证



KEMA
Netherlands 荷兰



NEMKO
Norway 挪威



DEMCO
Denmark 丹麦



SEMKO
Sweden 瑞典



SEV
Switzerland 瑞士



Finland
芬兰认证



Italian Shipping Approval
意大利船舶认证



Germanischer Lloyd Register
德国劳埃德船舶认证



Lloyds Register of Shipping
英国劳埃德船舶认证



IRIS
国际铁路工业标准质量管理



DIN EN ISO/IEC 17025
德特谟尔德魏德米勒实验室认证



DIN EN 16001
能源管理



CCC
中国强制认证



质量保证
Quality Assurance



机构授予的认证
Certificates from institutes



伙伴授予的认证
Certificates from partners

- 实验室提供符合国际工业标准的各种测试
- 主要产品实行100%过程中检测
- 质量管理体系认证：CQC, UL, CSA, CE, CESI, ATEX Certification, Lloyd's Register...
- Laboratory provides all kinds of tests according to global industrial standards
- 100% in-process inspection for main products
- Quality Certification: CQC, UL, CSA, CE, CESI, ATEX Certification, Lloyd's Register...

- 苏州高新区安全生产管理协会授予2021年优秀会员单位称号
- 上海市商务委员会授予2019年跨国公司地区总部证书
- 2021 Advanced Member Certification of Safety Production - SND Government
- 2019 Advanced Regional Headquarter of Multinational Corporation Certificate – Shanghai Municipal Commission of Commerce

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我们非常期待您的支持与关注！

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