北京平和
Bei Jing Ping He

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20 版 Version

SINCE 2004

ABOUT BEIJING PINGHE
关于北京平和

北京平和始创于 2004 年 1 月，座落于北京市中关村科技园，总注册资本 8000 万元，是一家致力于工业信号类接口模块仪表的国家级高新技术企业。作为行业公认的一线品牌，北京平和一直专注于工控产品的研发、生产和营销，拥有两大智能制造基地。产品广泛应用于军工核电、航天航空、石油化工、冶金电力、能源环保、船舶制造和生物医药等行业。至今国内外市场稳定运行 500 余万只，卓越的品质和优质的服务获得了广大合作伙伴的高度信赖和认可。

Beijing Pinghe was founded in January 2004 and is located in Beijing Zhongguancun Science and Technology Park with registered capital 80 million CNY. We are a national high-tech enterprise dedicated to industrial signal interface modules.

As a top brand recognized by the industry, Beijing Pinghe has main focused on R&D, production and sales in the industrial control area, possesses two big intelligent production bases. The products are broad-range used in the military nuclear power, aerospace, petrochemical, metallurgical power, energy and environmental protection, shipbuilding and biomedicine industries. So far, more than 5 million pieces run stable in domestic and foreign markets, our excellent quality and outstanding service have been highly recognized and praised by a vast number of partners.

图 / 中关村科技园北京平和生产基地
Picture / Production Base in Zhongguancun Science and Technology Park Beijing

BRAND STRATEGY
品牌战略

公司的核心使命
为中国工控产品引领世界而努力奋斗

COMPANY CORE MISSION
STRIVE FOR CHINA'S SIGNAL INTERFACE MODULE TO LEAD THE WORLD

公司的愿景
打造全球工控行业知名品牌

COMPANY VISION
TO BE THE WORLDWIDE WELL-KNOWN BRAND IN THE INDUSTRY CONTROL AREA

公司的核心价值观
平和、创新、诚信、共享

THE CORE VALUE OF ENTERPRISE
HARMONY, INNOVATION, INTEGRITY, SHARING

图 / 京津冀中南高科平和智能产业园
Picture / Beijing-Tianjin-Hebei Region Zhongnan High-tech Pinghe Intelligent Industrial Park

我们的核心价值观

以客户价值服务为中心

卓越的品质 追求创新领先 专注工控信号接口模块行业

坚持以人为核心价值的人本文化 让平和成为员工实现梦想的舞台

THE VALUE ORIENTATION OF BUSINESS OPERATION

Focus on customer value service

Excellent quality, the pursuit of leading innovation, dedicated to the industrial control signal interface module industry

Adhere to the people-oriented core value culture, and make Pinghe a stage for employees to realize their dreams!

我们的核心竞争力

领先的技术创新　　卓越的定制化能力

实现行业全覆盖　　高端产品进口替代

THE CORE COMPETITIVENESS OF BEIJING PINGHE

Leading technology innovation,

excellent customization ability,

to achieve the coverage of the whole industry,

high-end products import substitution.

Qualification and Honor

资质和荣誉见证了我们的成长历程

资质见证实力，荣誉见证辉煌！北京平和产品均已获得德国莱茵 TÜV 功能安全认证（SIL3）、欧盟防爆产品 ATEX 认证、国际电工委员会防爆认证（IECEx）、防爆产品 CCC 强制性认证、中国船级社 CCS 型式认证以及 CE、FCC 等国内外权威认证。截止 2021 年，北京平和共获得国内外认证机构颁发的 150 多个认证证书。

Qualification witnesses strength, honor witnesses brilliance! The Beijing Pinghe range contains devices with German TÜV Rheinland functional safety certification (SIL3), ATEX approvals, IECEx approvals, China Compulsory Certification for explosion-proof products, Certification of China Classification Society, CE, FCC and other domestic and foreign authoritative certifications. As of 2021, Beijing Pinghe has been awarded more than 150 certifications.

企业荣誉
ENTERPRISE HONORS

国家级高新技术企业
National high-tech enterprise

北京市“专精特新”中小企业
Specialization, refinement, differentiation, innovation of small and medium-sized enterprise Beijing

北京市“专精特新”小巨人
Specialization, refinement, differentiation, innovation of Little Giant enterprise Beijing

全国监督检查产品质量稳定合格企业
National supervision and inspection product qualified enterprise of stable quality

北京市两化融合试点企业
Pilot Enterprise Beijing of Integration of Informatization and Industrialization

中国制药装备行业协会会员单位
Member of China Association For Pharmaceutical Equipment

中国仪器仪表学会会员单位
Member of China Instrument and Control Society

中国计量协会会员单位
Member of China Metrology Association

产品认证及殊荣
PRODUCT CERTIFICATION AND HONORS

TÜV 功能安全认证
TÜV Functional safety certification

ATEX 防爆认证
Quality assurance certified according to ATEX Approval

IECEx 防爆质量管理体系认证
Quality assurance certified according to IECEx Approval

ISO 9001、ISO 14001、ISO 45001 管理体系认证
Quality assurance certified according to ISO 9001, ISO 14001, ISO 45001

防爆产品 CCC 强制性认证
China Compulsory Certification for explosion-proof products

北京市新技术新产品（服务）证书
Beijing New Technology and New Product (Service) Certificate

2020 年度仪表自动化创新产品（技术）奖
2020 Instrument Automation Innovation Product (Technology) Award

Development History
发展历程

2004–2006

- 公司始创并注册“北京平和”商标
- 获得 ISO 9001 证书
- 安全栅系列产品获得防爆合格证
- Company established and "Beijing Pinghe" trademark registered
- Certified to ISO 9001
- The isolated safety barriers certified explosion-proof

2007–2009

- 全系列产品获得 CE 认证、美国 FCC 认证
- 取得 16 项软件著作权、全国工业产品生产许可证
- 两条 SMT 智能生产线投入运营
- The complete products obtained CE and FCC certifications
- Obtained 16 software copyrights and national industrial production permit
- Two SMT intelligent production lines put into operation

2010–2012

- 正式运营 OA、CRM 等信息管理平台
- 创立“中德”合资公司，并在西南投资建厂
- 中石化、中石油、中海油、国家核电等合格供应商
- OA, CRM and other information management platforms put into use
- Joint venture "Zhongde" established, factory in Southwest was built
- Qualified suppliers of Sinopec, PetroChina, CNOOC, National Nuclear Power, etc.

2013–2015

- 引进先进涂覆机、波峰焊、高速贴片机等实现生产装备高度智能化
- 市场累计销量达 200 余万只
- 第三条 SMT 智能生产线投入使用，ERP、MES 上线
- Equipped with advanced coating machines, wave soldering, high speed placement equipment etc. to realize highly intelligent production
- The accumulative total sales reached more than 2 million pieces
- The third SMT intelligent production line was put into use, ERP and MES systems went live

2016–2018

- 南京事业部进驻自主产权万科都荟国际商务楼
- T 系列产品量产并获得 TÜV 功能安全（SIL3）认证
- 联合北自所在中关村科技园建立智能化无人工厂
- Nanjing Business Department settled in Vanke Metropolis International with independent property rights
- T serie products came into mass production and obtained the functional safety certificate（SIL3）of TÜV Rheinland
- Cooperated with Beijing Automation Institute to establish an intelligent unmanned factory in Zhongguancun Science and Technology Park

2019– 至今（Present）

- 获得国际电工委员会防爆电气产品体系认证、中国强制性产品认证，安全栅获得欧盟 ATEX 防爆认证
- 安全继电器和智能 I/O 模块等产品中试后投入市场
- 获得 ISO 14001、ISO 45001 证书
- Certified according to the IECEx approval and China Compulsory Certificate, the isolated safety barries certified according to ATEX approval
- New products safety relay and intrinsically safe intelligent I/O module launched after test to the market
- Certified to ISO 14001, ISO 45001

Intelligent Manufacturing System
智能化制造体系

北京平和两大生产基地，采用先进的自动化和数字化装备，打造高度智能、互联的信号接口模块制造工厂。

The two production bases of Beijing Pinghe adopt advanced automation and digital equipments to build highly intelligent and interconnected manufacturing plants.

采用多个国际领先的资源规划管理系统集成，打破两大智能工厂时空地域限制，逐步实现更优化的数字化仿真、更高效多层协同、柔性 AI 算法精准光学质检、产品生命周期营销预测、知识共享重用迭代、问题发生预防机制，从自动化实现智能化，为北京平和打造核心竞争力奠定坚实基础。

Multiple international leading resource planning and management software systems are integrated applied, which breaks limitations of space, time and location of the two smart factories, and gradually realizes more optimal digital simulation, more efficient multi-level collaboration, flexible AI algorithms precision quality inspection, PLM marketing forecasts, knowledge sharing and reuse system, problem prevention mechanism, the process from automation manufacturing to intelligent manufacturing has laid a solid foundation for us to build the core competitivenesses.

Excellent R&D Team
优秀的研发团队

北京平和得益于首都北京人才与技术优势，高级工程师占研发团队的 60%，研发人员占员工总数的 30% 以上。经过近 20 年积累，拥有多项专利和自主知识产权，掌握产品核心技术，充分满足了流程工业和过程工业等领域的需求。

我们制定积极的创新战略，关注国际最前端技术和方向，致力于研发符合更高安全要求的防雷、防爆解决方案，为客户创造更多附加值。

We benefit from talent and technical advantages of the capital Beijing, our senior engineers account for 60% of the R&D team, and R&D personnel more than 30% of the total number of employees. In these nearly 20 years, we have obtained a number of patents and independent intellectual property rights, and mastered the core technologies of the products, which fully meets the requirements of process industry.

We formulate an active innovation strategy, pay attention to the international most advanced technology and direction, and devote ourselves to research and develop lightning protection and explosion-proof solutions that meet higher safety requirements in order to create more added values for customers.

Complete Test Equipments
完备的测试装备

我们与清华大学、北京自动化所等国内著名科研院所建立了长期交流与合作机制，建立经认可的 EMC 电磁兼容中试中心、防雷测试中心，助力研发工程师产品开发及生产过程中的产品测试。同时设置智能环境实验中心，配有高低温试验箱、振动试验台等设备，通过设计模拟多种环境实验，充分检验产品本质安全、抗干扰、防浪涌等各项性能。

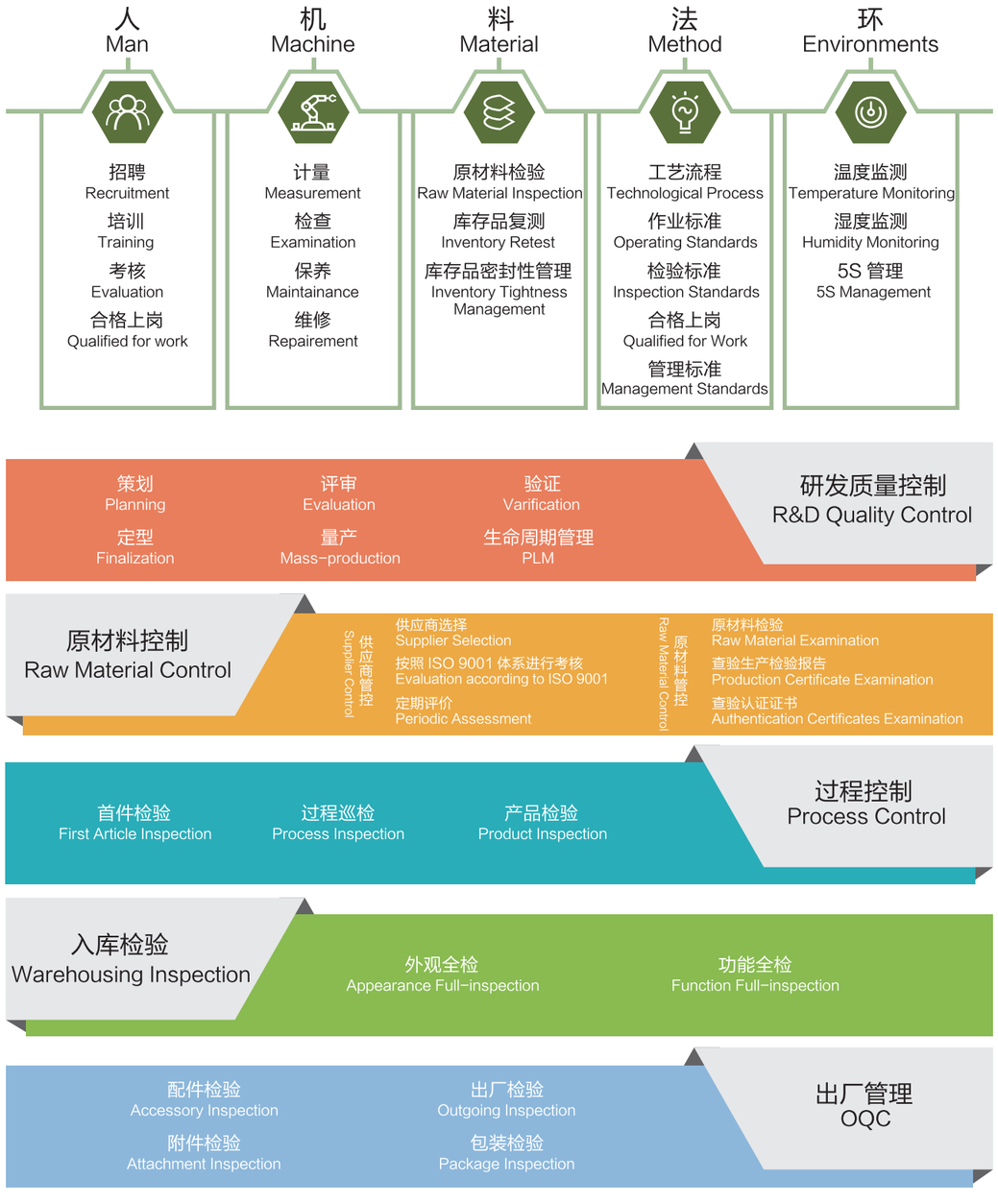
We have established a long-term exchange and cooperation mechanism with famous domestic scientific research institutes such as Tsinghua University and Beijing Institute of Automation etc. A certified EMC electromagnetic compatibility test lab and a lightning protection test lab are established to assist R&D engineers in product development and product test during production. At the same time, an intelligent environmental experiment center is set up, equipped with high and low temperature test chambers, vibration test benches and other equipments, which simulate every possible environment to test our products and ensure the reliability of intrinsic, anti-interference and surge-proof etc. performance of each product.

Strict Quality Control System
严谨的品质管控体系

北京平和质量管控实施“全面质量管理”（Total Quality Management)，在产品设计、生产和服务的各个过程中实施严格的质量管控，为客户提供合格稳定的产品和及时优质的服务。北京平和始终以客户需求作为唯一服务标准，倾听客户声音，关注客户不断变化的需求，强化各个过程的质量管理，不断改进以提升客户满意度，矢志追求为客户提供高品质产品和全方位优质服务。

The quality control of Beijing Pinghe implements the "Total Quality Management" system standards, which carry out strict quality control in each process of product design, production and service, and provide customers with qualified and stable products as well as timely and high-quality services. Beijing Pinghe always takes the needs of customer as only service standard, listens to the opinion of customers, pays attention to the changing needs of customers, strengthens the quality management of each process, strives for providing customers with high-quality products and comprehensive services.

品质管控体系
Quality Control System



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本安类产品
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21 H 系列 底板安装型 隔离式安全栅
H SERIE BACKPLANE MOUNTING ISOLATED SAFETY BARRIES

22 T 系列 电源总线供电型 隔离式安全栅
T SERIE DIN RAIL BUS POWER ISOLATED SAFETY BARRIES

23 T 系列 功能安全型 隔离式安全栅
T SERIE FUNCTIONAL SAFETY ISOLATED BARRIES

24 D 系列 液晶显示型 隔离式安全栅
D SERIE OLED ISOLATED SAFETY BARRIES

25 T 系列 本安型 电涌保护器
T SERIE INTRINSICALLY SAFE SURGE PROTECTION DEVICE

26 现场仪表类 电涌保护器
FIELD INSTRUMENT SURGE PROTECTION DEVICE

27 7000 系列 本安型 隔离式智能 I/O 模块
7000 SERIE INTRINSICALLY SAFE ISOLATED I/O MODULE

28 S 系列 本安型 电涌保护器
S SERIE INTRINSICALLY SAFE SURGE PROTECTION DEVICE

非本安类产品
NOT INTRINSICALLY SAFE PRODUCTS

31 T 系列 电源总线供电型 信号隔离器
T SERIE DIN RAIL BUS POWER SIGNAL ISOLATOR

32 D 系列 液晶显示型 信号隔离器
D SERIE LCD SIGNAL ISOLATOR

33 PH 系列 信号隔离器
PH SERIE SIGNAL ISOLATOR

34 T 系列 信号类 电涌保护器
T SERIE SIGNAL SURGE PROTECTION DEVICE

35 电源类 电涌保护器
POWER SURGE PROTECTION DEVICE

36 电源网络控制三合一 电涌保护器
POWER NETWORK CONTROL THREE-IN-ONE SURGE PROTECTION DEVICE

37 S 系列 信号类 电涌保护器
S SERIE SIGNAL SURGE PROTECTION DEVICE

38 网络信号类 电涌保护器
NETWORK SIGNAL SURGE PROTECTION DEVICE

39 4000 系列 数据采集模块
4000 SERIE DATA ACQUISITION MODULE

40 6000 系列 安全继电器
6000 SERIE SAFETY RELAY

41 7000 系列 隔离式智能 I/O 模块
7000 SERIE INTELLIGENT I/O MODULE

42 智能网关
INTELLIGENT GATEWAY

43 在线露点分析仪
ONLINE DEW POINT ANALYZER

44 工业数据光端机
INDUSTRIAL DATA OPTICAL TRANSCEIVER

行业应用和服务
INDUSTRIAL APPLICATION AND SERVICE

45/46 荣誉客户
HONOR CUSTOMERS

47 行业应用
INDUSTRY APPLICATION

48 服务机制
SERVICE MECHANISM

49 营销网络
SALES NETWORK

INTRINSICALLY SAFE PRODUCTS
本安类产品

H 系列 底板安装型 隔离式安全栅
H SERIE BACKPLANE MOUNTING
ISOLATED SAFETY BARRIES

T 系列 电源总线供电型 隔离式安全栅
T SERIE DIN RAIL BUS POWER
ISOLATED SAFETY BARRIES

T 系列 本安型 电涌保护器
T SERIE INTRINSICALLY SAFE
SURGE PROTECTION DEVICE

现场仪表类 电涌保护器
FIELD INSTRUMENT
SURGE PROTECTION DEVICE

T 系列 功能安全型 隔离式安全栅
T SERIE FUNCTIONAL SAFETY ISOLATED BARRIES

D 系列 液晶显示型 隔离式安全栅
D SERIE OLED ISOLATED SAFETY BARRIES

7000 系列 本安型 隔离式智能 I/O 模块
7000 SERIE INTRINSICALLY SAFE ISOLATED I/O MODULE

S 系列 本安型 电涌保护器
S SERIE INTRINSICALLY SAFE
SURGE PROTECTION DEVICE

隔离式安全栅
ISOLATED SAFETY BARRIERS

更多创新产品，敬请期待・・・
More new products coming soon, stay tuned

H SERIE BACKPLANE MOUNTING ISOLATED SAFETY BARRIES

H 系列 底板安装型 隔离式安全栅

产品特点

- 领先的本质安全信号接口模块单元，为 PLC/DCS 等系统提供最佳解决方案
- 端子板极大简化接线，更有效节省成本，无需工具即可拆卸安装
- 塑料机壳坚固耐用，便于在机柜内快速稳固的安装
- 采用预制电缆，支持热插拔
- 提供两重冗余电源接口，确保供电可靠

The advantages

- Leading signal interface module with intrinsic safety, a better solution for PLC/DCS etc. systems
- Terminals plate simplify the wiring to efficiently save cost, quick install and release mechanism
- Sturdy and durable plastic frame, convenient for fast and stable installation in cabinet
- Prewiring and hot pluggable
- Two redundant power ports to ensure reliable power supply

T SERIE DIN RAIL BUS POWER ISOLATED SAFETY BARRIES

T 系列 电源总线供电型 隔离式安全栅

产品特点

- 技术领先，采用 PCB 平面变压器
- 性能卓越，领先的低功耗设计
- 技术创新，采用电源总线供电，兼容 RS485 通讯
- 设计新颖，12.5mm 超薄外观，节省 45% 机柜安装空间
- 安全可靠，符合 GB3836. 1-2010、GB3836. 4-2010 标准
- 外观专利，专利号：ZL 2017 3 0658741.3
- 配置 USB 组态接口，热电阻、热电偶组态便捷
- 输入、输出、电源不同颜色端子进行区分，防错接
- HART® 或 ModBus-RTU® 传输

The advantages

- Leading technology, adopts PCB planar transformer
- Excellent performance, leading design for lower power consumption
- Innovative technology with DIN Rail Bus Power function, compatible with RS485 communication
- Enormous space advantage, 12.5mm enclosure, saving 45% space
- Safe and reliable, in accordance with GB3836. 1-2010, GB3836. 4-2010 standards
- Appearance patent with patent number ZL 2017 3 0658741.3
- USB interface for easy configuration of RTD and TC signals
- Input, output and power are with different colour terminals to avoid wrong wiring
- HART®or ModBus-RTU®transmission

T SERIE FUNCTIONAL SAFETY ISOLATED BARRIES

T 系列 功能安全型 隔离式安全栅

产品特点

- 本安防爆，获得德国莱茵 TÜV 功能安全认证（SIL3）和 ATEX 认证
- 技术领先，采用 PCB 平面变压器
- 性能卓越，领先的低功耗设计
- 设计新颖，12.5mm 超薄外观，节省 45% 机柜安装空间
- 安全可靠，符合 GB3836. 1-2010、GB3836. 4-2010、IEC 61508 标准
- 外观专利，专利号：ZL 2017 3 0658741.3
- 配置 USB 组态接口，热电阻、热电偶组态便捷
- 输入、输出、电源不同颜色端子进行区分，防错接
- HART® 或 ModBus-RTU® 传输

The advantages

- Intrinsically safe and explosion-proof, certified with SIL3 functional safety according to ATEX approval by TÜV Rheinland, trouble free use in hazardous area
- Leading technology, adopts PCB planar transformer
- Excellent performance, leading design for lower power consumption
- Enormous space advantage, 12.5mm enclosure, saving 45% space
- Safe and reliable, in accordance with GB3836. 1-2010, GB3836. 4-2010, IEC 61508 standards
- Appearance patent with patent number ZL 2017 3 0658741.3
- USB interface for easy configuration of RTD and TC signals
- Input, output and power are with different colour terminals to avoid wrong wiring
- HART®or ModBus-RTU®transmission

D SERIE OLED ISOLATED SAFETY BARRIES

D 系列 液晶显示型 隔离式安全栅

产品特点

- 液晶显示器在线显示实时工作状态
- 配置组态接口，热电阻、热电偶组态便捷
- 技术领先，采用 PCB 平面变压器
- 性能卓越，领先的低功耗设计
- 安全可靠，符合 GB3836. 1-2010、GB3836. 4-2010 标准
- 输入、输出、电源不同颜色端子进行区分，防错接

The advantages

- The OLED display clearly shows real-time work status
- Interface for easy configuration of RTD and TC signals
- Leading technology, adopts PCB planar transformer
- Excellent performance, leading design for lower power consumption
- Safe and reliable, in accordance with GB3836. 1-2010, GB3836. 4-2010 standards
- Input, output and power are with different colour terminals to avoid wrong wiring

T SERIE INTRINSICALLY SAFE SURGE PROTECTION DEVICE

T 系列 本安型 电涌保护器

产品特点

- 本安防爆，获得德国莱茵 TÜV SIL3 等级功能安全认证
- 品质卓越，接线端子镀银，联接通畅，框压式接线端子，安装便捷
- 使用方便，插拔设计，支持热插拔，维护方便
- 插件接口镀金，增强导电性，防电涌能力：20kA(8/20us)/ 线
- 外观专利，专利号：ZL 2017 3 06587 447.7，标识清晰，V0 阻燃等级

The advantages

- Intrinsically safe and explosion-proof, certified SIL3 by TÜV Reihnland
- Excellent quality, silver-plated terminals bring about smooth connection, with frame terminal easy to install
- Fast and easy configuration, pluggable design, support hot-plug, easy to maintain
- The connector interface is gold-plated to enhance conductivity with surge withstand: 20kA (8/20us)/line
- Appearance patent, patent number: ZL 2017 3 06587 447.7, clear identification, V0 flame retardant grade

FIELD INSTRUMENT SURGE PROTECTION DEVICE

现场仪表类 电涌保护器

产品特点

- 适用于所有常见标准信号，如二、三、四线制变送器、热电阻、热电偶、流量计、电磁阀、RS485、RS232 等设备的保护
- 通过螺纹直接紧固在现场仪表上，无需接线盒即可安装，节约时间和成本

The advantages

- Suitable for protection of equipments with all common standard signals, such as two, three, and four-wire transmitters, RTD, TC, flow meters, solenoid valves, RS485, RS232 etc.
- Directly fastened to field instrument through thread, installed without junction box, save time and cost

7000 SERIE INTRINSICALLY SAFE ISOLATED I/O MODULE

7000 系列 本安型 隔离式智能 I/O 模块

产品特点

- 技术领先，采用 PCB 平面变压器
- 信号齐全，支持 AI、AO、DI、DO、PI、PO、TC 和 RTD 等多种信号
- 电源总线，总线供电与通讯（RS485 或以太网），灵活便捷
- 本质安全，本安侧可连接 0、1、2 区本安设备，安全可靠，性能卓越
- 密集安装，多通道集成设计，节省成本和空间
- 国内领先，与 PLC+ 安全栅模式比较，规避两次信号转换误差，提高了传输精度和系统稳定性

The advantages

- Leading technology, adopts PCB planar transformer
- A wide range of inputs like AI, AO, DI, DO, PI, PO, TC and RTD etc. can be provided
- Bus power and communication (RS485 or Ethernet), flexible and convenient
- Intrinsically safe, in the intrinsic side can be connected with intrinsic equipments in 0, 1, 2 zones, safe and reliable with excellent performance
- High module/channel densities, save space and cost
- Compare with traditional PLC+isolated safety barrier, avoid the failure through twice signal conversion, increase the transmission accuracy and system stability

S SERIE INTRINSICALLY SAFE SURGE PROTECTION DEVICE

S 系列 本安型 电涌保护器

产品特点

- 本安防爆，获得德国莱茵 TÜV SIL3 等级功能安全认证
- 失效“窗口”诊断功能
- 7mm 超薄，节省空间
- 高宽带，插损小，适用于各类信号
- 最大放电电流 I_{max}(8/20us): 20kA

The advantages

- Intrinsically safe and explosion-proof, certified SIL3 by TÜV Reihnland
- Failure "window" diagnosis function
- 7mm ultra-thin, efficiently save space
- High bandwidth, low insertion loss, can be applied for a variety of signals
- Max discharge surge current(I_{max}) (8/20us): 20kA

NOT INTRINSICALLY SAFE PRODUCTS
非本安类产品

T 系列 电源总线供电型 信号隔离器
T SERIE DIN RAIL BUS POWER SIGNAL ISOLATOR

D 系列 液晶显示型 信号隔离器
D SERIE LCD SIGNAL ISOLATOR

PH 系列 信号隔离器
PH SERIE SIGNAL SOLATOR

信号隔离器
SIGNAL ISOLATOR

T 系列 信号类 电涌保护器
T SERIE SIGNAL SURGE PROTECTION DEVICE

电源类 电涌保护器
POWER SURGE PROTECTION DEVICE

电源网络控制三合一 电涌保护器
POWER NETWORK CONTROL THREE-IN-ONE SURGE PROTECTION DEVICE

S 系列 信号类 电涌保护器
S SERIE SIGNAL SURGE PROTECTION DEVICE

网络信号类 电涌保护器
NETWORK SIGNAL SURGE PROTECTION DEVICE

电涌保护器（SPD）
SURGE PROTECTION DEVICES

4000 系列 数据采集模块
4000 SERIE DATA ACQUISITION MODULE

7000 系列 隔离式智能 I/O 模块
7000 SERIE ISOLATED INTELLIGENT I/O MODULE

工业数据光端机
INDUSTRIAL DATA OPTICAL TRANSCEIVER

在线露点分析仪
ONLINE DEW POINT ANALYZER

智能物联网单元
INTELLIGENT IoT MODULES

6000 系列 安全继电器
6000 SERIE SAFETY RELAY

智能网关
INTELLIGENT GATEWAY

更多创新产品，敬请期待・・・
More new products coming soon, stay tuned

6年 质保 功能安全产品 Warranty 6 years! Functional safety product

T SERIE DIN RAIL BUS POWER SIGNAL ISOLATOR

T 系列 电源总线供电型 信号隔离器

产品特点

- AI、AO、DI、DO、PI、PO、TC、RTD 等多种信号间隔离、转换、分配、配电及变送
- 前端翻盖设计，自行贴装测控位号
- 配置 USB 组态接口，热电阻、热电偶组态便捷
- 精度 0.05%，响应时间< 5ms，温度漂移 0.005% F.S/℃，适配各种 PLC 及 DCS 等系统
- 磁电隔离，具有更好的抗干扰能力，更快速的数据精准传输
- 输入、输出、电源不同颜色端子进行区分，防错接

The advantages

- Isolation, conversion, separation, power supply and transmission between a wide range of signals such as AI, AO, DI, DO, PI, PO, TC, RTD etc.
- Flip design in front, self-mounting measurement and control position number
- USB interface for easy configuration of RTD and TC signals
- 0.05% high-precision, response time less than 5ms, temperature drift 0.005% F.S/℃, suitable for various PLC and DCS systems
- Magnetoelectric isolation, achieve optimum anti-interference ability, data precision transmission
- Input, output and power are with different colour terminals to avoid wrong wiring

D SERIE LCD SIGNAL ISOLATOR

D 系列 液晶显示型 信号隔离器

产品特点

- 液晶显示器在线显示实时工作状态
- AI、AO、DI、DO、PI、PO、TC、RTD 等多种信号间隔离、转换、分配、配电及变送
- 配置组态接口，热电阻、热电偶组态便捷
- 前端翻盖设计，可自行贴装测控位号
- 输入、输出、电源不同颜色端子进行区分，防错接

The advantages

- LCD indicator clearly shows real-time working status
- Isolation, conversion, separation, power supply and transmission between a wide range of signals such as AI, AO, DI, DO, PI, PO, TC, RTD signals
- Interface for easy configuration of RTD and TC signals
- Flip design in front, measurement and control position number installed on your own
- Input, output and power are with different colour terminals to avoid wrong wiring

PH SERIE SIGNAL ISOLATOR

PH 系列 信号隔离器

产品特点

- 接线便捷，性价比高，电源采用红色端子，防错接
- AI、AO、DI、DO、TC、RTD 等多种信号间隔离、转换、分配、配电及变送
- 输入，输出，电源三端电磁隔离，稳定性高，抗干扰性强
- 采用拨码开关，实现两线制变送器和电流信号自由切换
- 具有防浪涌、防雷功能

The advantages

- Simple wiring with good price advantage, power is with red terminals to avoid wrong wiring
- Isolation, conversion, separation, power supply and transmission between a wide range of signals such as AI, AO, DI, DO, TC, RTD etc.
- Electromagnetic isolation of input, output and power, high stability, strong anti-interference ability
- Adopt dial switch to realize free conversion of two-wire transmitter and current signal
- Equipped with surge-proof and lightning protection functions

T SERIE SIGNAL SURGE PROTECTION DEVICE

T 系列 信号类 电涌保护器

产品特点

- 品质卓越，接线端子镀银，联接通畅，框压式接线端子，安装方便
- 使用方便，插拔设计，支持热插拔，维护方便
- 接插件接口镀金，增强导电性，防电涌能力：20kA(8/20us)/ 线
- 外观专利，专利号：ZL 2017 3 06587447.7，V0 阻燃等级

The advantages

- Excellent quality, silver-plated terminals bring about smooth connection, with frame type terminal easy to install
- Easy to use, pluggable design, support hot-plug, easy to maintain
- The connector interface is gold-plated to enhance conductivity with surge-proof capability: 20kA (8/20us)/line
- Appearance patent, patent number: ZL 2017 3 06587447.7, V0 flame retardant grade

POWER SURGE PROTECTION DEVICE

电源类 电涌保护器

产品特点

- 热脱离装置，可靠性高，有效避免短路故障
- 可插拔防雷模块，轻松插拔，便于更换
- 模块自锁功能，避免因松动而失去保护
- 大电流泄放能力，无续流
- 具有遥信功能
- 失效“窗口”诊断功能

The advantages

- Thermal separation device with high reliability, effectively avoid short circuit failure
- Pluggable function, easily plug in and pull out, easy to replace
- Self-locking function to avoid losing protection due to loosening
- Large current discharge capacity, no flyback
- With remote communication function
- Failure "window" diagnosis function

POWER NETWORK CONTROL THREE-IN-ONE SURGE PROTECTION DEVICE

电源网络控制三合一 电涌保护器

产品特点

- 摄像机电源、云台控制信号、视频信号综合防护，抗干扰性强
- 通流量大，残压低
- 多级防护
- 插损小，传输性能优越，无漏流

The advantages

- Integrated protection of camera power supply, PTZ control signal, video signal, strong anti-interference ability
- Large flow rate, low residual pressure
- Multi-level protection
- Small insertion loss, superior transmission performance, no leakage

S SERIE SIGNAL SURGE PROTECTION DEVICE

S 系列 信号类 电涌保护器

产品特点

- 失效“窗口”诊断功能
- 7mm 超薄，节省空间
- 高宽带，插损小，适用于各类信号
- 最大放电电流 I_{max}(8/20us): 20kA

The advantages

- Failure "window" diagnosis function
- 7mm ultra-thin, efficiently save space
- High bandwidth, low insertion loss, can be applied for a variety of signals
- Max discharge surge current(I_{max}) (8/20us): 20kA

NETWORK SIGNAL SURGE PROTECTION DEVICE

网络信号类 电涌保护器

产品特点

- 适用于保护交换机、工作站和各类网络通讯设备
- 铝合金外壳，具有良好的电磁屏蔽能力
- 高频宽
- 插损小

The advantages

- Suitable for protection of switches, workstations and various network communication equipments
- Aluminum alloy enclosure, has good electromagnetic shielding ability
- High bandwidth
- Small insertion loss

4000 SERIE
DATA ACQUISITION MODULE

4000 系列 数据采集模块

产品特点

- 丰富的产品品种，既有基于 RS-422/RS-485 总线的模块，也有基于以太网的模块
- 内置双看门狗，数据采集 & 控制模块内置双看门狗，防止通讯中断，防止模块死机，提高系统可靠性
- 灵活的组网方案，借助可编程或非可编程通讯接口转换模块或控制器，轻松构成任何形式网络结构
- 模块化工业设计，采用 DIN 导轨安装便捷，使用插拔端子，易于安装和维护
- 满足工业环境需求，可使用 +10V ~ +30V 未调理的直流电源供电，防止电源反接造成损坏
- 支持主流通讯协议，支持 Modbus/RTU、Modbus/TCP 命令 / 响应等通讯协议

The advantages

- Abundant product varieties, including modules based on RS-422/RS-485 buses and on Ethernet
- Built-in dual watchdogs, data acquisition & control module with built-in dual watchdogs, to prevent communication interruption as well as module crashes and improve system reliability
- Flexible networking scheme, with the help of programmable or non-programmable communication interface conversion module or controller, it can easily form any form of network structure
- Modular industrial design, easy to install with DIN rail, use plug-in terminals, easy to install and maintain
- Meet the needs of industrial environment, you can use +10V ~ +30V unregulated DC power supply to prevent damage caused by reverse connection of the power supply
- Support mainstream communication protocols, support Modbus/RTU, Modbus/TCP command/response and other communication protocols

6000 SERIE
SAFETY RELAY

6000 系列 安全继电器

产品特点

SIS 系统 安全继电器

- 冗余回路设计
- 继电器触点离线校验
- 失效安全技术
- 触点熔接保护

机械系统 安全继电器

- 配置双通道安全条件，对双通道输入信号进行实时监控
- 特殊的逻辑结构设计，在单功能故障情况下，保障安全输出
- 安全输出进行反馈监控，功能异常消除，安全隐患不积累

The advantages

SIS System Safety Relay

- Redundant circuit design
- Offline Proof Test of relay contacts
- Fail-safe technology
- Contact welding protection

Mechanical System Safety Relay

- Configure dual-channel safety conditions to monitor dual-channel input signals in real-time
- Special logical structure design, guarantee safe output in case of single function failure
- Function integrity feedback-monitoring until the functional abnormality is eliminated, hidden danger will not be accumulated

7000 SERIE ISOLATED INTELLIGENT I/O MODULE

7000 系列 隔离式智能 I/O 模块

产品特点

- 支持 AI、AO、DI、DO、TC、RTD 等多种信号
- 与传统 PLC+ 安全栅模式比较，减少两次转换误差，提高了转换精度，也增加了系统稳定性与抗干扰性
- 可电源总线供电与通讯，灵活便捷
- 高度集成化设计，有效减少产品使用数量和机柜使用空间

The advantages

- A wide range of inputs such as AI、AO、DI、DO、TC、RTD can be provided
- Compare with traditional PLC+isolated safety barrier, it can avoid the failure through twice signal conversion, increase the transmission accuracy and system stability
- With DIN rail bus power supply and communication, flexible and convenient
- High module/channel densities, efficiently save space and cost

INTELLIGENT GATEWAY

智能网关

产品特点

- 功能特点：RS485 是一主多从的通讯结构，当工业现场需要多台主机与同一从机通讯时，直接连接将导致通讯冲突，使用北京平和智能网关可解决此问题，同时可对 RS485 信号进行隔离、放大增加通讯距离。支持多种类型的串行通讯协议、支持无协议透传功能
- 串口特性：支持 1200…57600bps 波特率、奇偶校验；1 或 2 个停止位等
- 从机响应等待时间 30-200ms 可选
- 主机命令发送延迟时间 1-100ms 可选
- 通过串口调试助手软件修改串口参数
- 从机端口硬件：RS485 或 RS232（二选一）
- 应用场景：工业现场总线使用两路主机同时读取 485 从机网络数据，适用于实时通讯的场合

The advantages

- Function features: RS485 is a communication structure with one master unit and multiple slave units. When in the industrial site multiple masters need to communicate with the same slave unit, the direct connection will cause communication conflicts, Beijing Pinghe Smart Gateway can solve this problem. Meanwhile, it can isolate and amplify the RS 485 signal, with that increase the communication distance. Support multiple types of serial communication protocols, non-protocol transparent transmission
- Serial port characteristics: support 1200…57600bps baud rate and parity check; 1 or 2 stop bits, etc
- The response waiting time of slave unit is 30-200ms optional
- The delay time of command sending from host unit is 1-100ms optional
- Modify the serial port parameters through the serial debugging assistant software
- Slave port hardware: RS485 or RS232 (choose one from the two)
- Application scenario: in industrial field bus with two host units to read 485 slave unit network data at the same time, this product is suitable for real-time communication scenario

ONLINE DEW POINT ANALYZER

在线露点分析仪

产品特点

- 将信号控制单元与采样测量单元分体式安装，克服高温烟气的粉尘、高温和酸性腐蚀问题，可以在线长期稳定的测量高温中的烟气水分
- 采用国外新一代传感器，测量精度更高
- 具有自动校准功能，可极大地减少露点测量干燥端可能出现的偏离现象
- 传感器加热功能，可提高传感器在高湿度和冰冻环境下的性能，且不干扰其测量的输出值

The advantages

- The signal control unit and the sampling measurement unit are installed separately to overcome the dust, high temperature and acid corrosion problems of high temperature smoke, so that it can measure the moisture in high temperature stably online for a long time
- Adopt the new generation foreign sensors, the measurement accuracy is much more higher
- Equipped with automatic calibration function, which can greatly reduce the deviation that may occur in the dry end of the dew point measurement
- Equipped with sensor heating function, which can improve the performance of sensor in high humidity and freezing environments without interfering its measured output value

INDUSTRIAL DATA OPTICAL TRANSCEIVER

工业数据光端机

产品特点

- 支持多种工业控制现场总线协议，支持 RS485、RS422、RS232、ControlNet、DeviceNet、Modbus、ProfiBus、GE Genius 和 S908 RIO 等协议
- 光纤最远通信距离可达 60 km
- 电接口具备 1500V 电压隔离以及 600W 浪涌保护功能
- 采用 DC9–30V 宽电源输入，双电源冗余，DC 1000V 电源隔离，反接保护，满足各种苛刻工业现场的需求
- 采用标准工业 35mm 导轨安装方式

The advantages

- Support a variety of industrial control fieldbus protocols, RS485, RS422, RS232, ControlNet, DeviceNet, Modbus, ProfiBus, GE Genius and S908 RIO protocols etc.
- The longest communication distance of optical fiber is 60 km
- Electrical interface has 1500V voltage isolation and 600W surge protection function
- Adopt DC9–30V wide power input, dual redundant power supply, DC 1000V power supply isolation, protection for reverse connection, meet all kinds of harsh requirements of industrial field
- Adopt standard industrial 35mm DIN rail to install

Honor Customers
荣誉客户

国家核电 SNPTC
中国兵器工业集团 CNGC NORINCO GROUP
国华电力 GUOHUADIANLI
中国节能
陕西煤化
江南造船
CSSC 中国船舶工业集团公司
Schneider Electric
EMERSON Climate Technologies
首钢集团
景津 景津集团
国家能源集团 CHN ENERGY
双鹤药业 DCPC
BAOSTEEL 宝山钢铁股份有限公司
GEMI 格林美
XCMG 徐工集团
魏桥创业 WEIQIAO PIONEERING
清华同方 TSINGHUA TONGFANG
MCC 中国中冶
沈鼓集团
中煤集团
FPI 聚光科技 Focused Photonics Inc.
中国海油 cnooc
TSINGTAO 青岛啤酒
QDIS 青钢
盈峰环境
SIEMENS
中控·SUPCON
Sinopec 中国石化
BeiGene
冀中能源 JZEG
ABB
SDL 雪迪龙
HollySys
中国石油
SINOPHARM 中国医药集团
SAILHERO 先河环保 闻审天地 关怀万物
中国国电 CHINA GUODIAN
中国华能 CHINA HUANENG
格瑞德 GRAD
山钢集团 济钢集团有限公司
CASI 中国科学院自动化研究所 Institute of Automation,chinese Academy of Sciences
Innovent 信达生物制药
中国核建

Industry Application
行业应用

更多应用行业

军工核电、航天航空、石油化工、冶金电力、能源环保、船舶制造、生物医药、汽车工业、轨道交通和物联网等。

More Application Industries

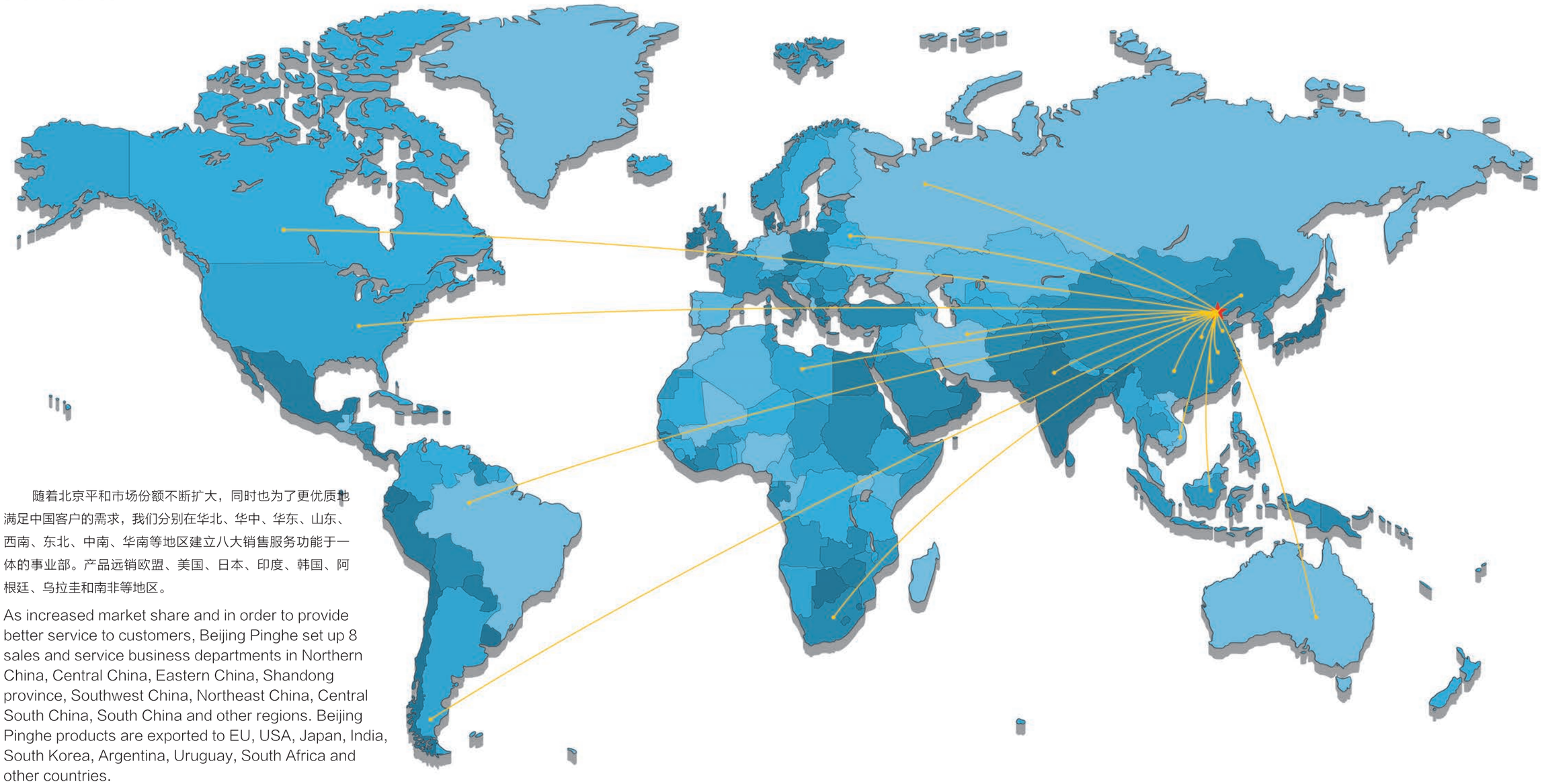
Military nuclear power, aerospace, petrochemical, metallurgical power, energy and environmental protection, shipbuilding, biomedicine, automotive industry, rail transit, Internet of Things, etc.

Service Mechanism
服务机制

- 基于专业技术与经验积累，制订科学合理的备件失效数据和定额模型，结合高效的供应链管理，提供完备的备件服务，服务目标实现产品一次交付合格率 100%
- 故障半小时应答，制订合理、科学的大数据平台，结合高效 ERP 信息管理平台，提供完备的技术与产品服务，力求成为您日常运营中可信赖的长期合作伙伴
- 先进的生产流程及充分的本地仓储，确保及时可靠交付。 总部与各事业部组成覆盖全国的营销售后服务网络，及时响应客户需求，24 小时到达第一现场，各环节快速处理，24 小时热线：400-711-6763
- 定期对客户进行回访和巡检，进行客户满意度调查，反馈服务质量，不断臻求服务完美

- Based on professional technology and experience, we have formulated scientific and reasonable spare parts failure data and quota models, combine with efficient supply chain management, we can provide complete spare parts services with the goal of delivery rate 100%
- Respond time to failures within half an hour, formulate reasonable and scientific big data platform, combine with efficient ERP management platform, we provide complete technology and product services, strive to being your reliable long-term partner
- Advanced production processes and adequate local storage ensure timely and reliable delivery. The headquarter and national business departments form a nationwide marketing and after-sales service network, arrive site at the first time within 24 hours. 24-hour hotline: 400-711-6763
- Regularly follow-up and routing inspection to customers, conduct customer satisfaction surveys about feedback on service quality, constantly strive for perfect service

Sales Network
营销网络



随着北京平和市场份额不断扩大，同时也为了更优质地满足中国客户的需求，我们分别在华北、华中、华东、山东、西南、东北、中南、华南等地区建立八大销售服务功能于一体的事业部。产品远销欧盟、美国、日本、印度、韩国、阿根廷、乌拉圭和南非等地区。

As increased market share and in order to provide better service to customers, Beijing Pinghe set up 8 sales and service business departments in Northern China, Central China, Eastern China, Shandong province, Southwest China, Northeast China, Central South China, South China and other regions. Beijing Pinghe products are exported to EU, USA, Japan, India, South Korea, Argentina, Uruguay, South Africa and other countries.