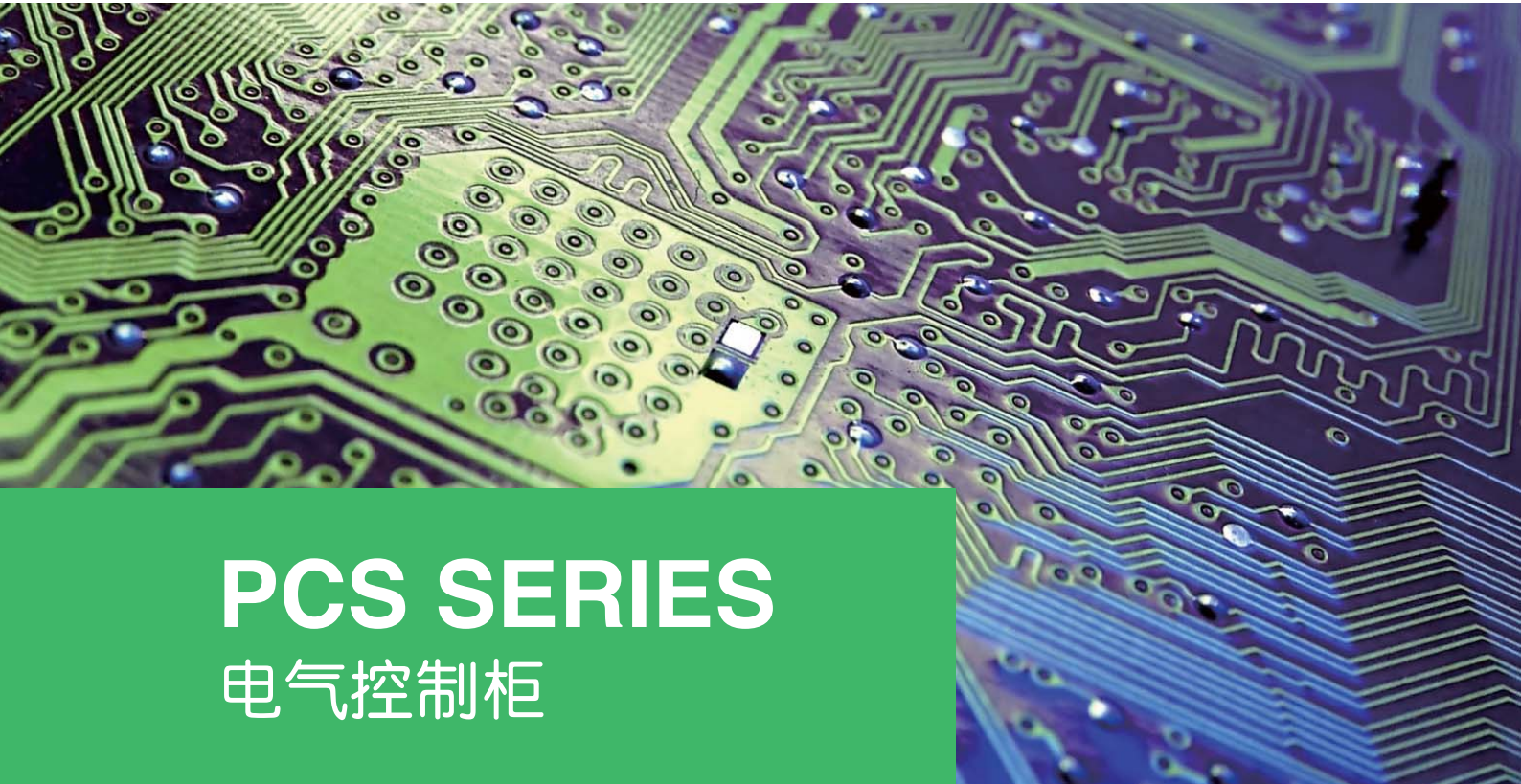




川源（中国）机械有限公司
GSD Industrial Co.,Ltd.



PCS SERIES

电气控制柜

PCS SERIES electrical control cabinet

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概述

- PCS系列电气控制柜是我司专为水泵、风机、搅拌机/推流器、曝气机、脱水机等水处理设备配套开发设计的电气控制装置，广泛应用于工业、农业、市政工程、水利工程、船舶工程、化工能源、废水处理、空调循环、混合搅拌、环保节能、脱硫等水处理领域。
- 充分吸收国内外给排水控制经验，根据客户需求，开发有排污控制、普通生活给水控制、变频控制、消防控制、空调循环/补水控制、风机送风控制、搅拌推流控制、污泥脱水控制、曝气溶氧控制、污水处理厂中控等多种控制设备，同时也可根据客户工艺需求特殊设计。
- 精选国际国内知名品牌优质元件，经久耐用；同时公司拥有完善的管理和质量保证体系，每台控制设备均全功能测试，确保出厂品质。
- 全国各分支机构均设有专业技术服务人员，服务快捷高效，使用户无后顾之忧。

特点

- 选用国际知名品牌低压电器，保证产品质量；提供多种品牌电器元件，满足客户不同场合配套选择。
- 配套功能齐全，控制方式灵活，自动化程度高，运行安全、稳定。
- 设计简洁、布局合理、操作简单，安装、调试、维护方便。
- 保护功能完善：具备电机过载、短路、缺相等多种保护功能。潜水设备配置专用泄漏超温保护功能。
- 可根据不同工艺要求针对性设计，性能稳定、工艺流畅，灵活高效。
- 外形美观，结构紧凑，切换灵活，控制设备运行在最佳工况状态，节能环保。

Introduction

- PCS series electrical control cabinet is the electrical control device developed and designed by GSD for supporting the water treatment equipments such as pumps, blowers, mixers/propellers, aerators and water extractors, etc. It is widely used in industry, agriculture, municipal engineering, hydraulic engineering, ship engineering, chemical energy, wastewater treatment, air conditioning system, mixing, environmental protection and energy saving, desulfurization and other water treatment fields.
- As required by customers as well as R & D, we have fully absorbed the control experience for water supply and drainage both at home and abroad to develop various control devices for sewage discharge control, ordinary life feed water control, frequency conversion control, fire fighting control, cycle/water replenishing control for air conditioning, air supply control for blowers, mixing control, sludge dewatering control, aeration dissolved oxygen control and centralized control of sewage treatment plants, meanwhile, special control devices can be designed according to the process requirements of customers.
- We have choice and durable quality parts which are famous brands domestically and internationally; Meanwhile, the company has perfect management and quality assurance system, with each control device tested in full function to ensure the delivery quality.
- Professional technical service personnel are provided at all branches nationwide, with fast and efficient service to guarantee the customers free from worry.

Features

- The selection of internationally famous branded low-voltage electric appliances do ensure product quality; and offer a variety of branded electrical components to meet the supporting options for the customers on different occasions.
- Complete supporting functions, flexible control mode, high degree of automation, and safe and stable operation.
- Concise design, reasonable layout and easy operation; convenient installation, commissioning and maintenance.
- Perfect protection function: with motor overload, short circuit, open-phase and other protection functions. We adopt a dedicated components for submersible devices to protect water leakage and ever temperature.
- Targeted design can be carried out according to different process requirements, stable performance, smooth process, flexible and efficient.
- Elegant appearance, compact structure, and flexible switching-over to control the equipment to run at the optimum condition, energy saving and environmental protection.

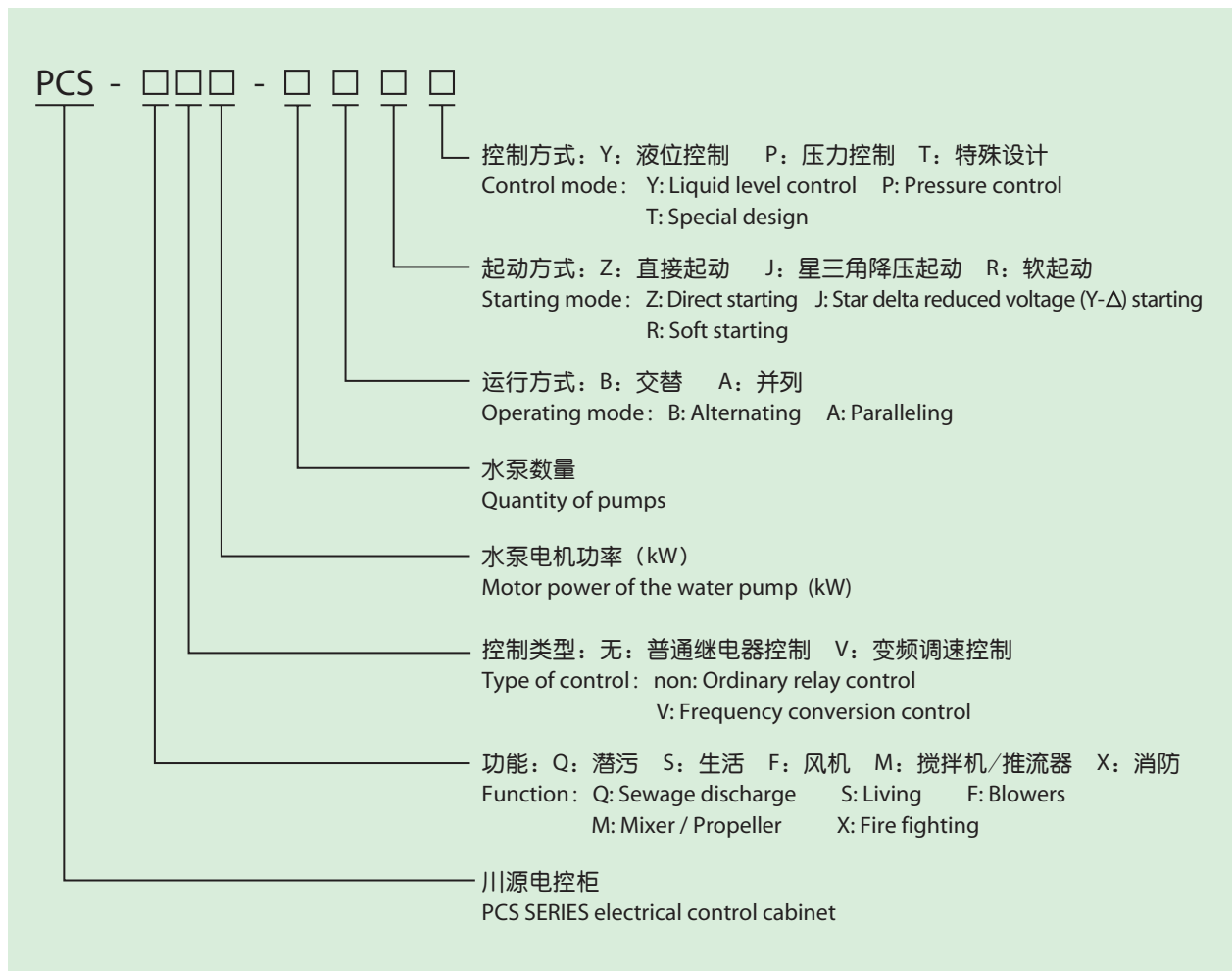
工作环境要求

- 电源电压波动：±10%；
- 周围环境温度：-10℃ ~ +40℃（不冻结）；
- 空气相对湿度：20%~90%RH（无凝露）；
- 绝对海拔高度：≤1000m；
- 振动：< 5.9m/s² (0.6G)，倾斜度：≤5度的场所；
- 无导电尘埃、腐蚀性气体、易燃性气体的场所；
- 无爆炸危险的场所；
- 有防雨防震设备和无蒸汽场所。

Work environment requirements

- Supply voltage fluctuation: ±10%;
- Ambient temperature: -10℃ ~ +40℃ (no freezing)
- Relative air humidity: 20%~90%RH (no condensation);
- Absolute altitude: 1000m;
- Vibration: < 5.9m/s² (0.6G), Gradient: places of ≤5 degrees;
- Places without conductive dust, corrosive gas and flammable gas;
- Places without explosion hazards;
- Places with rain-proof and shock-proof equipments but without steam.

型号说明 Type description



例：PCS-Q15-2BJY：表示排污控制柜，控制两台15kW潜水泵，交替运转，星三角降压起动，以浮球液位为控制目标。

Illustrations: PCS-Q15-2BJY: indicating sewage discharge control cabinet controlling two 15 kW submersible pumps and operating alternately. It is star-delta reduced voltage starting, with float level as the control objective.

功能说明

运行方式

B: 交替 - 各泵手动、自动、定时切换, 保证工作时间均匀, 避免辅助泵长时间不用锈蚀, 请订货时详细说明。

A: 并列 - 各泵可同时使用, 交替的同时也可全部投入运行。

起动方式

Z: 直接起动 - 全压起动, 全压运行, 适合15kW以下电机, 起动电流较大;

J: 星-三角降压起动 - 定子绕组起动时为星形, 降低起动电压和电流, 起动完成时转换为三角形, 满足电机输出动力, 结构简单可靠。

R: 通过先进电子软起动器, 调节电压平滑上升, 起动电流小, 速度平稳可靠, 对电网及电机冲击小, 起动效果理想。

控制方式

Y: 液位控制 - 常规继电器控制根据水位的高低控制水泵的启停与切换; 变频控制根据水位高低变化调节水泵电机的转速、启停、切换。

P: 压力控制 - 常规继电器控制根据管网压力的高低控制水泵的启停与切换; 变频控制根据管网压力变化调节水泵电机的转速、启停、切换, 达到恒压效果。

T: 特殊设计 - 非标控制设备, 可根据客户要求特殊设计。

Function description

Operating mode

B: Alternating - Each pump switches manually, automatically and regularly, to ensure uniform working hours and avoid rust of auxiliary pump due to standing idle for a long time. Please specify when ordering.

A: Parallel - All pumps can be used simultaneously, and all can be put into operation during alternation.

Starting mode

Z: Direct starting - Full-voltage starting, full-pressure operation, suitable for motor of less than 15 kW power, the starting current is great;

J: Star-delta reduced voltage starting - The stator winding is star-shaped during starting, reduce the starting voltage and current, when the start completes, it converts to delta to meet the motor output power, the structure is simple and reliable.

R: Adjust the voltage to rise smoothly by advanced electronic soft starter, the starting current is small with stable and reliable operating speed, the shock to power grid and motor is small, and the starting effect is ideal.

Control mode

Y: Level control - The conventional relay controls the start, stop and switching of the water pump according to the water level; the frequency conversion control adjusts the rotate speed, start, stop and switch of the pump motor according to the water level change.

P: Pressure control - The conventional relay controls the start, stop and switch of the water pump according to the pressure of the pipe network; the frequency conversion control adjusts the rotate speed, start, stop and switch of the pump motor according to pressure changes in pipe network, and achieves the constant pressure effect.

T: Special design - Non-standard control equipment, specially designed as required by customers.

产品类型

PCS-S系列普通生活给水控制柜

- 适用范围：主用于水箱、水塔、气压给水等设备；采集液位、压力、温度等信号做开关量控制，配套GPS、LPS、GMP、MV、SMV等陆上给水泵。
- 应用说明：PCS-S系列普通生活控制柜根据用户管网压力的大小、水位/温度的高低来控制水泵的启动、停止及投入数量。



Product type

PCS-S series ordinary control cabinet

- Scope of application: Mainly used for water tanks, cooling towers, pneumatic water supply equipments and so on; collecting level, pressure, temperature and other signals as switching value control, supported with GSD's GPS, LPS, GMP, MV, SMV pumps and other on-land water supply pumps.
- Application instructions: PCS-S series ordinary life control cabinet controls the start, stop and input quantity according to the pressure, and water level/temperature of the pipe network of the customers.



PCS-SV系列变频生活给水控制柜

- 适用范围：适用于工业、农业、市政、空调、水厂等各种场合，无极变速、调节精确、环保节能、智能紧凑，配套GPS、LPS、ISB、DH、WD、SMV、MV、MHA、GHS、MVN等多种设备。
- 应用说明：PCS-SV系列变频控制柜系统采用交流变频技术和微机控制技术，根据压力、液位、温度、流量等变化无极调速，适时监控电机运行频率、投入状态，同时具过载、过流、欠压、过压、堵转等多种保护功能，保证设备及系统运行在最佳工况，运行平稳、环保节能。



PCS-SV series frequency conversion control cabinet

- Scope of application: Suitable for industry, agriculture, municipal administration, air conditioning, water plant and other places, electrodeless variable-speed, accurate adjustment, environmental protection and energy saving, intelligent and compact, supported with GSD's GPS, LPS, ISB, DH, WD, SMV, MV, MHA, GHS, MVN pumps and other equipments.
- Application instructions: PCS-SV series frequency conversion control cabinet system adopts AC frequency inverter technology and microcomputer control technology, change the electrodeless speed governing according to pressure, level, temperature, flow, etc., timely monitoring the operating frequency of the motor and input state, at the same time with the overload, overcurrent, undervoltage, overvoltage, locked-rotor and other protection functions, to ensure that the equipment and system run at the optimum condition with smooth operation, environmental protection and energy saving.



PCS-Q系列潜污泵控制柜

- 适用范围：适用于楼宇排水、污水排放、工业废水处理，通过液位控制水泵启停及切换，且对专用潜水电机具有漏水、超温保护；经济实用、安全可靠、维护简便；配套SSP、SP、CSS、CP等潜水泵。
- 应用说明：PCS-Q系列潜污泵控制柜系统根据液位的高低来控制水泵的启动、停止及投入数量。



PCS-Q series sewage pumps control cabinet

- Scope of application: Suitable for building drainage, sewage disposal and industrial wastewater treatment, control start, stop and switch of the water pump through liquid level, and protect the dedicated submersible motor during water leakage or over-temperature; economical and practical, safe, reliable, easy to maintain; supported with GSD's SSP, SP, CSS, CP pumps and other submersible pumps.
- Application instructions: PCS-Q series sewage pumps control cabinet system controls the start, stop and quantities of inputs for the water pump according to the liquid level.



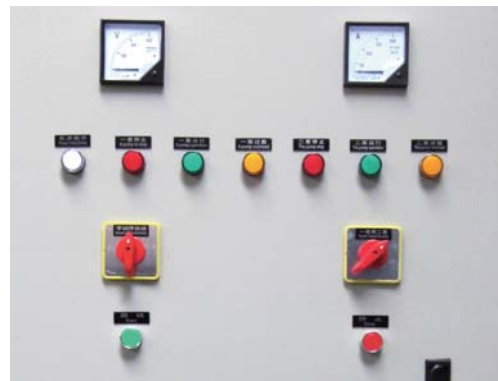
PCS-X系列消防给水控制柜

- 适用范围：依国家消防规范设计，专用于消防栓、喷淋等消防、稳压控制；配套XBD-MV、XBD-GP等消防泵。
- 应用说明：PCS-X系列消防控制柜系统根据现场手动、管网压力、中控系统、消防栓/喷淋系统信号启停消防水泵，平时控制稳压泵补水稳压；接收到消防信号时，启动消防主泵（同时停止稳压泵）消防，满足消防水压及水量；还可增加双电源、自动巡检功能。



PCS-X series fire fighting water supply system control cabinet

- Scope of application: Designed in accordance with the National Fire Code, exclusively for fire hydrants, sprinkler and other fire fighting and voltage regulation control; supported with GSD's XBD-MV, XBD-GP pumps and other fire pumps.
- Application instructions: PCS-X series fire control cabinet system starts and stops fire pumps according to the site manual, pressure in the pipe network, centralized control system and fire hydrant/sprinkler system signal, and controls water replenishing and voltage regulation for the stabilized pressure pump at other times; when the fire signal is received, start the main fire protection pump for fire control (meanwhile stop the stabilized pressure pump), and meet the fire pressure and water volume; the dual power and the automatic inspection function can also be increased.



PCS-FV系列风机变频控制柜

- 适用范围：适用于污水处理、环保、矿山、石油、化工、水泥、铸造、食品、医药、造纸、气力输送、粉体输送、水产养殖等场合；配套GRB、RSW/TRS等风机。
- 应用说明：PCS-FV系列风机变频控制柜主要用于罗茨风机风量调节，现场/远程无级调速，改变输出风量，既满足生产工艺变化的要求，又节省电能。常规以一台风机配一台变频器调节效果最佳。



PCS-FV series blowers frequency conversion control cabinet

- Scope of application: Applicable to places for sewage treatment, environmental protection, mines, petroleum, chemical industry, cement, foundry, food, medication, papermaking, pneumatic transmission, powder delivery, aquaculture and other places; supported with GSD's GRB, RSW/TRS blowers and other blowers.
- Application instructions: PCS-FV series blower frequency conversion control cabinet is mainly used for air regulation of Roots blower, site/remote stepless speed regulation, changes the output air volume, not only meeting the requirements of the production process changes, but also saving electric energy. Generally, the optimum regulation effect can be achieved by one blower supported with one inverter.



PCS-M系列搅拌机控制柜

- 适用范围：适用于工业污水过程中的混合、搅拌，养护设备等场合；配套MA、LFP、MH、SRP、JA、AR等搅拌机/推流器/曝气机设备。
- 应用说明：PCS-M系列搅拌机控制柜是配套搅拌/曝气专用的现场控制柜；配备现场直接控制及中控远程控制功能；室外现场安装，自带超温漏水综合保护功能，结构简单、操作灵活、维护简便。



PCS-M series mixer control cabinet

- Scope of application: Applicable to places for mixing, stirring, equipment maintenance during the process of industrial sewage, etc. ; supported with GSD's MA, LFP, MH, SRP, JA, AR and other mixer/propeller/aerator equipments.
- Application instructions: PCS-M series mixer control cabinet is the dedicated on-site control cabinet supported with agitation/aeration; it is equipped with the on-site direct control as well as centralized control and remote control functions; it is outdoor on-site installation, with integrated functions for protecting overtemperature and leakage, simple structure, flexible operation and easy maintenance.



中央电脑监控系统

- 中央电脑监控系统是我司自主研发的采用微型计算机技术实现泵站设备、机械设备自动控制、运行状态监测、工艺配方设定、系统管理的一种综合装置。
- 中央电脑监控系统适用于各种城市水处理厂、给排水综合自控系统等场合。对泵站机组、电气系统等进行监控和控制，可以实现真正意义上的无人值守，实现优化治理，达到优化控制、节能降耗的目的。

系统功能

- 系统的采集和处理：对系统开关量和模拟量进行采集和处理。
- 设备的优化调度：泵组的起停操作；设备的自动、联动控制等。
- 数据报表记录与查询。
- 数据趋势图：系统各种模拟量实时趋势图，历史趋势图；历史趋势查询功能。
- PLC I/O点组态
- 报警处理和记录：实时报警显示功能；历史报警查询功能。

C	A	B
	处理厂生产运行统计报表	
1	2	报表日期: 2012/07/04 09:4
2	3	1#粗格栅系统速闭闸液位 2#鼓风机系统罗茨灰出口压力 3#
3	4	11 83.312 96.
4	5	粗格栅流量 (立方米) 鼓风机系统罗茨灰放空阀开度 生
5	6	41.46 8.6175 60
6	7	粗格栅PH值 鼓风机系统压力 生
7	8	72.351 42.312 2.3
8	9	粗格栅吸水池液位 鼓风机系统导叶角开度 生
9	10	12.46 12.46 2.7
10	11	粗格栅出口压力 鼓风机系统风量1 地
11	12	30.312 63.312 17.
12	13	粗格栅后液位 鼓风机系统风量2 1号
13	14	23 56.312 16:
14	15	报表人: SYSTEM
15	16	备注:
16	17	

数据报表 Data report

	FIS-32MA	FIS-6AD	FIS-24EAP	FIS-16EY						
位置	线号	位置	线号	位置	线号					
I0	I0	CR6	I0+	A1+	I1	E20	I1	CR20	I1	CR30
I1	I1	CR9	I0-	A1-	I2	E21	I2	CR21	I2	CR31
I2	I2	CR10	I1+	A2+	I3	E22	I3	CR22	I3	CR32
I3	I3	CR11	I1-	A2-	I4	E23	I4	CR23	I4	CR33
I4	I4	CR12	I2+		I5	E24	I5	CR24	I5	CR34
I5	I5	CR13	I2-		I6	E25	I6	CR25	I6	CR35
I6	I6	CR14	I3+		I7	E26	I7	CR26	I7	CR36
I7	I7	CR15	I3-		I8	E27	I8	CR27	I8	CR37
I8	I8	CR16	I4+		I9	E28	I9	CR28	I9	CR38
I9	I9	CR17	I4-		I10	E29	I10	CR29	I10	CR39
I10	I10	CR18	I5+		I11	E30			I11	CR40
I11	I11	CR19	I5-		I12	E31			I12	CR41

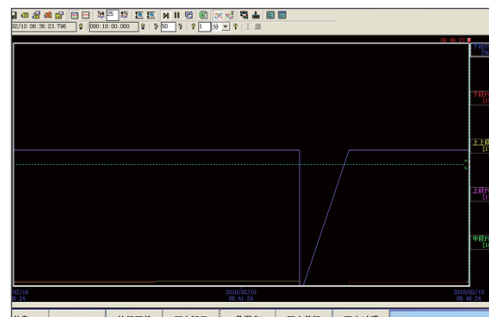
PLC I/O点组态 PLC I/O point configuration

Central computer monitoring system

- The central computer monitoring system is an integrated device developed independently by our Company which adopts microcomputer technology to realize automatic control of pumping station equipment as well as machinery and equipment, operating mode monitoring, process formulation set and system management.
- The central computer monitoring system is suitable for water treatment plants of various cities, water supply and drainage integrated automatic control system and other places. Monitor and control the pump station unit and electrical system to achieve real sense unattended operation and optimal treatment and realize optimal control and energy saving.

System function

- Acquisition and processing of the system: Carrying out acquisition and processing for the switching value and analog quantity of the system.
- Equipment optimized scheduling: Start-stop operation of the pump unit; Automatic and linkage control of the equipment.
- Record and query of data report.
- Data tendency chart: Real-time and historical tendency charts for various analog quantity of the system; Inquiry function for historical tendencies.
- PLC I/O point configuration.
- Alarm processing and recording: Display function for real-time alarm; Inquiry function for historical tendencies;



数据趋势图 Data tendency chart

所有区域 [v] [上页] [下页] [前一天] [后一天] [全确认] [删除] [实时报警]				
位号	说明	类型	级别	确认
流量1		高报	高级	恢复
流量1		高高报	紧急	恢复
开度变量		低低报	低级	恢复
给水泵房液位		高报	高级	没破
开度变量		高高报	紧急	恢复
开度变量		高报	高级	没破
移动		高高报	紧急	没破
移动		高报	高级	没破
移动		低报	低级	恢复
给水泵房液位		低低报	高级	恢复
给水泵房液位		低低报	低级	恢复
液位1		低报	紧急	恢复

报警处理和记录 Alarm processing and recording

性能参数及尺寸表 Performance parameters & dimension

PCS-S

控制柜型号 Type	控制泵数 Pump unit	电机功率 Motor power (kW)	电机电流 Motor current (A)	启动方式 Starting method	外形尺寸 Overall dimension (mm)
PCS-S0.75-1	1	0.75	2.1	Direct直接	400*300*180
PCS-S1.5-1	1	1.5	3.82	Direct直接	400*300*180
PCS-S2.2-1	1	2.2	5.2	Direct直接	400*300*180
PCS-S3.7-1	1	3.7	8	Direct直接	400*300*180
PCS-S5.5-1	1	5.5	12	Direct直接	500*350*180
PCS-S7.5-1	1	7.5	15.2	Direct直接	500*350*180
PCS-S11-1	1	11	21.6	Direct直接	500*350*180
PCS-S15-1	1	15	28.3	Y-△降压	600*400*200
PCS-S18.5-1	1	18.5	36	Y-△降压	600*400*200
PCS-S22-1	1	22	44	Y-△降压	600*400*200
PCS-S30-1	1	30	58.6	Y-△降压	700*600*250
PCS-S37-1	1	37	72	Y-△降压	700*600*250
PCS-S45-1	1	45	83.5	Y-△降压	700*600*250
PCS-S55-1	1	55	108	Y-△降压	700*600*250
PCS-S75-1	1	75	135	Y-△降压	800*600*300
PCS-S90-1	1	90	164	Y-△降压	800*600*300
PCS-S0.75-2	2	0.75	2.1	Direct直接	500*350*180
PCS-S1.5-2	2	1.5	3.82	Direct直接	500*350*180
PCS-S2.2-2	2	2.2	5.2	Direct直接	500*350*180
PCS-S3.7-2	2	3.7	8	Direct直接	500*350*180
PCS-S5.5-2	2	5.5	12	Direct直接	600*400*200
PCS-S7.5-2	2	7.5	15.2	Direct直接	600*400*200
PCS-S11-2	2	11	21.6	Direct直接	600*400*200
PCS-S15-2	2	15	28.3	Y-△降压	700*600*250
PCS-S18.5-2	2	18.5	36	Y-△降压	700*600*250
PCS-S22-2	2	22	44	Y-△降压	700*600*250
PCS-S30-2	2	30	58.6	Y-△降压	1200*600*370
PCS-S37-2	2	37	72	Y-△降压	1200*600*370
PCS-S45-2	2	45	83.5	Y-△降压	1400*600*400
PCS-S55-2	2	55	108	Y-△降压	1400*600*400
PCS-S75-2	2	75	135	Y-△降压	1700*700*400
PCS-S90-2	2	90	164	Y-△降压	1700*700*400
PCS-S0.75-3	3	0.75	2.1	Direct直接	700*600*250
PCS-S1.5-3	3	1.5	3.82	Direct直接	700*600*250
PCS-S2.2-3	3	2.2	5.2	Direct直接	700*600*250
PCS-S3.7-3	3	3.7	8	Direct直接	700*600*250
PCS-S5.5-3	3	5.5	12	Direct直接	700*600*250
PCS-S7.5-3	3	7.5	15.2	Direct直接	700*600*250
PCS-S11-3	3	11	21.6	Direct直接	700*600*250
PCS-S15-3	3	15	28.3	Y-△降压	1200*600*370
PCS-S18.5-3	3	18.5	36	Y-△降压	1200*600*370
PCS-S22-3	3	22	44	Y-△降压	1200*600*370
PCS-S30-3	3	30	58.6	Y-△降压	1400*600*400
PCS-S37-3	3	37	72	Y-△降压	1400*600*400
PCS-S45-3	3	45	83.5	Y-△降压	1700*700*400
PCS-S55-3	3	55	108	Y-△降压	1700*700*400
PCS-S75-3	3	75	135	Y-△降压	1800*800*500
PCS-S90-3	3	90	164	Y-△降压	1800*800*500

性能参数及尺寸表 Performance parameters & dimension

PCS-S

控制柜型号 Type	控制泵数 Pump unit	电机功率 Motor power (kW)	电机电流 Motor current (A)	启动方式 Starting method	外形尺寸 Overall dimension (mm)
PCS-S0.75-4	4	0.75	2.1	Direct直接	700*600*250
PCS-S1.5-4	4	1.5	3.82	Direct直接	700*600*250
PCS-S2.2-4	4	2.2	5.2	Direct直接	700*600*250
PCS-S3.7-4	4	3.7	8	Direct直接	700*600*250
PCS-S5.5-4	4	5.5	12	Direct直接	800*600*300
PCS-S7.5-4	4	7.5	15.2	Direct直接	800*600*300
PCS-S11-4	4	11	21.6	Direct直接	800*600*300
PCS-S15-4	4	15	28.3	Y-△降压	1200*600*400
PCS-S18.5-4	4	18.5	36	Y-△降压	1200*600*400
PCS-S22-4	4	22	44	Y-△降压	1200*600*400
PCS-S30-4	4	30	58.6	Y-△降压	1600*600*400
PCS-S37-4	4	37	72	Y-△降压	1600*600*400
PCS-S45-4	4	45	83.5	Y-△降压	1800*800*500
PCS-S55-4	4	55	108	Y-△降压	1800*800*500
PCS-S75-4	4	75	135	Y-△降压	2200*1000*600
PCS-S90-4	4	90	164	Y-△降压	2200*1000*600

PCS-SV

控制柜型号 Type	控制泵数 Pump unit	电机功率 Motor power (kW)	电机电流 Motor current (A)	启动方式 Starting method	外形尺寸 Overall dimension (mm)
PCS-SV0.75-1	1	0.75	2.1	Direct直接	800*600*300
PCS-SV1.5-1	1	1.5	3.82	Direct直接	800*600*300
PCS-SV2.2-1	1	2.2	5.2	Direct直接	800*600*300
PCS-SV3.7-1	1	3.7	8	Direct直接	800*600*300
PCS-SV5.5-1	1	5.5	12	Direct直接	800*600*300
PCS-SV7.5-1	1	7.5	15.2	Direct直接	800*600*300
PCS-SV11-1	1	11	21.6	Direct直接	800*600*300
PCS-SV15-1	1	15	28.3	Y-△降压	800*600*300
PCS-SV18.5-1	1	18.5	36	Y-△降压	800*600*300
PCS-SV22-1	1	22	44	Y-△降压	800*600*300
PCS-SV30-1	1	30	58.6	Y-△降压	1200*600*370
PCS-SV37-1	1	37	72	Y-△降压	1200*600*370
PCS-SV45-1	1	45	83.5	Y-△降压	1200*600*370
PCS-SV55-1	1	55	108	Y-△降压	1800*600*600
PCS-SV75-1	1	75	135	Y-△降压	1800*600*600
PCS-SV90-1	1	90	164	Y-△降压	1800*600*600
PCS-SV0.75-2	2	0.75	2.1	Direct直接	800*600*300
PCS-SV1.5-2	2	1.5	3.82	Direct直接	800*600*300
PCS-SV2.2-2	2	2.2	5.2	Direct直接	800*600*300
PCS-SV3.7-2	2	3.7	8	Direct直接	800*600*300
PCS-SV5.5-2	2	5.5	12	Direct直接	800*600*300
PCS-SV7.5-2	2	7.5	15.2	Direct直接	800*600*300
PCS-SV11-2	2	11	21.6	Direct直接	800*600*300
PCS-SV15-2	2	15	28.3	Y-△降压	1400*600*400
PCS-SV18.5-2	2	18.5	36	Y-△降压	1400*600*400
PCS-SV22-2	2	22	44	Y-△降压	1400*600*400
PCS-SV30-2	2	30	58.6	Y-△降压	1700*700*400
PCS-SV37-2	2	37	72	Y-△降压	1700*700*400
PCS-SV45-2	2	45	83.5	Y-△降压	1700*700*400
PCS-SV55-2	2	55	108	Y-△降压	1800*800*600
PCS-SV75-2	2	75	135	Y-△降压	1800*800*600
PCS-SV90-2	2	90	164	Y-△降压	1800*800*600

性能参数及尺寸表 Performance parameters & dimension

PCS-SV

控制柜型号 Type	控制泵数 Pump unit	电机功率 Motor power (kW)	电机电流 Motor current (A)	启动方式 Starting method	外形尺寸 Overall dimension (mm)
PCS-SV0.75-3	3	0.75	2.1	Direct直接	1200*600*400
PCS-SV1.5-3	3	1.5	3.82	Direct直接	1200*600*400
PCS-SV2.2-3	3	2.2	5.2	Direct直接	1200*600*400
PCS-SV3.7-3	3	3.7	8	Direct直接	1200*600*400
PCS-SV5.5-3	3	5.5	12	Direct直接	1200*600*400
PCS-SV7.5-3	3	7.5	15.2	Direct直接	1200*600*400
PCS-SV11-3	3	11	21.6	Direct直接	1200*600*400
PCS-SV15-3	3	15	28.3	Y-△降压	1700*700*400
PCS-SV18.5-3	3	18.5	36	Y-△降压	1700*700*400
PCS-SV22-3	3	22	44	Y-△降压	1700*700*400
PCS-SV30-3	3	30	58.6	Y-△降压	1800*800*500
PCS-SV37-3	3	37	72	Y-△降压	1800*800*500
PCS-SV45-3	3	45	83.5	Y-△降压	1800*800*500
PCS-SV55-3	3	55	108	Y-△降压	2200*1200*600
PCS-SV75-3	3	75	135	Y-△降压	2200*1200*600
PCS-SV90-3	3	90	164	Y-△降压	2200*1200*600
PCS-SV0.75-4	4	0.75	2.1	Direct直接	1200*600*400
PCS-SV1.5-4	4	1.5	3.82	Direct直接	1200*600*400
PCS-SV2.2-4	4	2.2	5.2	Direct直接	1200*600*400
PCS-SV3.7-4	4	3.7	8	Direct直接	1200*600*400
PCS-SV5.5-4	4	5.5	12	Direct直接	1400*600*400
PCS-SV7.5-4	4	7.5	15.2	Direct直接	1400*600*400
PCS-SV11-4	4	11	21.6	Direct直接	1400*600*400
PCS-SV15-4	4	15	28.3	Y-△降压	1700*700*400
PCS-SV18.5-4	4	18.5	36	Y-△降压	1700*700*400
PCS-SV22-4	4	22	44	Y-△降压	1700*700*400
PCS-SV30-4	4	30	58.6	Y-△降压	2000*800*500
PCS-SV37-4	4	37	72	Y-△降压	2000*800*500
PCS-SV45-4	4	45	83.5	Y-△降压	2000*800*500
PCS-SV55-4	4	55	108	Y-△降压	2000*800*600双立柜
PCS-SV75-4	4	75	135	Y-△降压	2000*800*600双立柜
PCS-SV90-4	4	90	164	Y-△降压	2000*800*600双立柜

PCS-Q

控制柜型号 Type	控制泵数 Pump unit	电机功率 Motor power (kW)	电机电流 Motor current (A)	启动方式 Starting method	外形尺寸 Overall dimension (mm)
PCS-Q0.75-1	1	0.75	2.1	Direct直接	400*300*180
PCS-Q1.5-1	1	1.5	3.7	Direct直接	400*300*180
PCS-Q2.2-1	1	2.2	5.2	Direct直接	400*300*180
PCS-Q3.7-1	1	3.7	8.8	Direct直接	400*300*180
PCS-Q5.5-1	1	5.5	12	Direct直接	500*350*180
PCS-Q7.5-1	1	7.5	15.6	Direct直接	500*350*180
PCS-Q11-1	1	11	22.6	Direct直接	500*350*180
PCS-Q15-1	1	15	30.2	Y-△降压	600*400*200
PCS-Q18.5-1	1	18.5	36.2	Y-△降压	600*400*200
PCS-Q22-1	1	22	48.2	Y-△降压	600*400*200
PCS-Q30-1	1	30	65.7	Y-△降压	700*600*250
PCS-Q37-1	1	37	81.6	Y-△降压	700*600*250
PCS-Q45-1	1	45	97.4	Y-△降压	700*600*250
PCS-Q55-1	1	55	117	Y-△降压	700*600*250
PCS-Q75-1	1	75	162	Y-△降压	800*600*300
PCS-Q90-1	1	90	193	Y-△降压	800*600*300

性能参数及尺寸表 Performance parameters & dimension

PCS-Q

控制柜型号 Type	控制泵数 Pump unit	电机功率 Motor power (kW)	电机电流 Motor current (A)	启动方式 Starting method	外形尺寸 Overall dimension (mm)
PCS-Q0.75-2	2	0.75	2.1	Direct直接	500*350*180
PCS-Q1.5-2	2	1.5	3.7	Direct直接	500*350*180
PCS-Q2.2-2	2	2.2	5.2	Direct直接	500*350*180
PCS-Q3.7-2	2	3.7	8.8	Direct直接	500*350*180
PCS-Q5.5-2	2	5.5	12	Direct直接	600*400*200
PCS-Q7.5-2	2	7.5	15.6	Direct直接	600*400*200
PCS-Q11-2	2	11	22.6	Direct直接	600*400*200
PCS-Q15-2	2	15	30.2	Y-Δ降压	700*600*250
PCS-Q18.5-2	2	18.5	36.2	Y-Δ降压	700*600*250
PCS-Q22-2	2	22	48.2	Y-Δ降压	700*600*250
PCS-Q30-2	2	30	65.7	Y-Δ降压	1200*600*370
PCS-Q37-2	2	37	81.6	Y-Δ降压	1200*600*370
PCS-Q45-2	2	45	97.4	Y-Δ降压	1400*600*400
PCS-Q55-2	2	55	117	Y-Δ降压	1400*600*400
PCS-Q75-2	2	75	162	Y-Δ降压	1700*700*400
PCS-Q90-2	2	90	193	Y-Δ降压	1700*700*400
PCS-Q0.75-3	3	0.75	2.1	Direct直接	700*600*250
PCS-Q1.5-3	3	1.5	3.7	Direct直接	700*600*250
PCS-Q2.2-3	3	2.2	5.2	Direct直接	700*600*250
PCS-Q3.7-3	3	3.7	8.8	Direct直接	700*600*250
PCS-Q5.5-3	3	5.5	12	Direct直接	700*600*250
PCS-Q7.5-3	3	7.5	15.6	Direct直接	700*600*250
PCS-Q11-3	3	11	22.6	Direct直接	700*600*250
PCS-Q15-3	3	15	30.2	Y-Δ降压	1200*600*370
PCS-Q18.5-3	3	18.5	36.2	Y-Δ降压	1200*600*370
PCS-Q22-3	3	22	48.2	Y-Δ降压	1200*600*370
PCS-Q30-3	3	30	65.7	Y-Δ降压	1400*600*400
PCS-Q37-3	3	37	81.6	Y-Δ降压	1400*600*400
PCS-Q45-3	3	45	97.4	Y-Δ降压	1700*700*400
PCS-Q55-3	3	55	117	Y-Δ降压	1700*700*400
PCS-Q75-3	3	75	162	Y-Δ降压	1800*800*500
PCS-Q90-3	3	90	193	Y-Δ降压	1800*800*500
PCS-Q0.75-4	4	0.75	2.1	Direct直接	700*600*250
PCS-Q1.5-4	4	1.5	3.7	Direct直接	700*600*250
PCS-Q2.2-4	4	2.2	5.2	Direct直接	700*600*250
PCS-Q3.7-4	4	3.7	8.8	Direct直接	700*600*250
PCS-Q5.5-4	4	5.5	12	Direct直接	800*600*300
PCS-Q7.5-4	4	7.5	15.6	Direct直接	800*600*300
PCS-Q11-4	4	11	22.6	Direct直接	800*600*300
PCS-Q15-4	4	15	30.2	Y-Δ降压	1200*600*400
PCS-Q18.5-4	4	18.5	36.2	Y-Δ降压	1200*600*400
PCS-Q22-4	4	22	48.2	Y-Δ降压	1200*600*400
PCS-Q30-4	4	30	65.7	Y-Δ降压	1600*600*400
PCS-Q37-4	4	37	81.6	Y-Δ降压	1600*600*400
PCS-Q45-4	4	45	97.4	Y-Δ降压	1800*800*500
PCS-Q55-4	4	55	117	Y-Δ降压	1800*800*500
PCS-Q75-4	4	75	162	Y-Δ降压	2200*1000*600
PCS-Q90-4	4	90	193	Y-Δ降压	2200*1000*600

性能参数及尺寸表 Performance parameters & dimension

PCS-X

控制柜型号 Type	控制泵数 Pump unit	电机功率 Motor power (kW)	电机电流 Motor current (A)	启动方式 Starting method	外形尺寸 Overall dimension (mm)
PCS-X0.75-2BW	1	0.75	2.1	Direct直接	800*600*300
PCS-X1.5-2BW	1	1.5	3.82	Direct直接	800*600*300
PCS-X2.2-2BW	1	2.2	5.2	Direct直接	800*600*300
PCS-X3.7-2BW	1	3.7	8	Direct直接	800*600*300
PCS-X5.5-2BW	1	5.5	12	Direct直接	800*600*300
PCS-X7.5-2BW	1	7.5	15.2	Direct直接	800*600*300
PCS-X11-2BW	1	11	21.6	Direct直接	800*600*300
PCS-X15-2BJ	1	15	28.3	Y-△降压	1400*800*400
PCS-X18.5-2BJ	1	18.5	36	Y-△降压	1400*800*400
PCS-X22-2BJ	1	22	44	Y-△降压	1400*800*400
PCS-X30-2BJ	1	30	58.6	Y-△降压	1400*800*400
PCS-X37-2BJ	1	37	72	Y-△降压	1400*800*400
PCS-X45-2BJ	1	45	83.5	Y-△降压	1600*800*400
PCS-X55-2BJ	1	55	108	Y-△降压	1600*800*400
PCS-X75-2BJ	1	75	135	Y-△降压	1800*800*600
PCS-X90-2BJ	1	90	164	Y-△降压	1800*800*600

PCS-FV

控制柜型号 Type	控制泵数 Pump unit	电机功率 Motor power (kW)	电机电流 Motor current (A)	启动方式 Starting method	外形尺寸 Overall dimension (mm)
PCS-FV0.75-1	1	0.75	2.1	Direct直接	800*600*300
PCS-FV1.5-1	1	1.5	3.82	Direct直接	800*600*300
PCS-FV2.2-1	1	2.2	5.2	Direct直接	800*600*300
PCS-FV3.7-1	1	3.7	8	Direct直接	800*600*300
PCS-FV5.5-1	1	5.5	12	Direct直接	800*600*300
PCS-FV7.5-1	1	7.5	15.2	Direct直接	800*600*300
PCS-FV11-1	1	11	21.6	Direct直接	800*600*300
PCS-FV15-1	1	15	28.3	Y-△降压	800*600*300
PCS-FV18.5-1	1	18.5	36	Y-△降压	800*600*300
PCS-FV22-1	1	22	44	Y-△降压	800*600*300
PCS-FV30-1	1	30	58.6	Y-△降压	1200*600*370
PCS-FV37-1	1	37	72	Y-△降压	1200*600*370
PCS-FV45-1	1	45	83.5	Y-△降压	1800*800*600
PCS-FV55-1	1	55	108	Y-△降压	1800*800*600
PCS-FV75-1	1	75	135	Y-△降压	1800*800*600
PCS-FV90-1	1	90	164	Y-△降压	1800*800*600
PCS-FV0.75-2	2	0.75	2.1	Direct直接	800*600*300
PCS-FV1.5-2	2	1.5	3.82	Direct直接	800*600*300
PCS-FV2.2-2	2	2.2	5.2	Direct直接	800*600*300
PCS-FV3.7-2	2	3.7	8	Direct直接	800*600*300
PCS-FV5.5-2	2	5.5	12	Direct直接	800*600*300
PCS-FV7.5-2	2	7.5	15.2	Direct直接	800*600*300
PCS-FV11-2	2	11	21.6	Direct直接	800*600*300
PCS-FV15-2	2	15	28.3	Y-△降压	1200*600*370
PCS-FV18.5-2	2	18.5	36	Y-△降压	1200*600*370
PCS-FV22-2	2	22	44	Y-△降压	1200*600*370
PCS-FV30-2	2	30	58.6	Y-△降压	1200*600*370
PCS-FV37-2	2	37	72	Y-△降压	1200*600*370
PCS-FV45-2	2	45	83.5	Y-△降压	1800*800*600
PCS-FV55-2	2	55	108	Y-△降压	1800*800*600
PCS-FV75-2	2	75	135	Y-△降压	1800*800*600
PCS-FV90-2	2	90	164	Y-△降压	1800*800*600

性能参数及尺寸表 Performance parameters & dimension

PCS-FV

控制柜型号 Type	控制泵数 Pump unit	电机功率 Motor power (kW)	电机电流 Motor current (A)	启动方式 Starting method	外形尺寸 Overall dimension (mm)
PCS-FV0.75-3	3	0.75	2.1	Direct直接	1200*600*370
PCS-FV1.5-3	3	1.5	3.82	Direct直接	1200*600*370
PCS-FV2.2-3	3	2.2	5.2	Direct直接	1200*600*370
PCS-FV3.7-3	3	3.7	8	Direct直接	1200*600*370
PCS-FV5.5-3	3	5.5	12	Direct直接	1200*600*370
PCS-FV7.5-3	3	7.5	15.2	Direct直接	1200*600*370
PCS-FV11-3	3	11	21.6	Direct直接	1200*600*370
PCS-FV15-3	3	15	28.3	Y-△降压	1600*600*400
PCS-FV18.5-3	3	18.5	36	Y-△降压	1600*600*400
PCS-FV22-3	3	22	44	Y-△降压	1600*600*400
PCS-FV30-3	3	30	58.6	Y-△降压	1700*700*400
PCS-FV37-3	3	37	72	Y-△降压	1700*700*400
PCS-FV45-3	3	45	83.5	Y-△降压	1800*800*600
PCS-FV55-3	3	55	108	Y-△降压	1800*800*600
PCS-FV75-3	3	75	135	Y-△降压	2200*1000*600
PCS-FV90-3	3	90	164	Y-△降压	2200*1000*600

PCS-M

控制柜型号 Type	控制泵数 Pump unit	电机功率 Motor power (kW)	启动方式 Starting method	外形尺寸 Overall dimension (mm)
PCS-M0.75-1	1	0.75	Direct直接	500*350*230
PCS-M1.5-1	1	1.5	Direct直接	500*350*230
PCS-M2.2-1	1	2.2	Direct直接	500*350*230
PCS-M3.7-1	1	3.7	Direct直接	500*350*230
PCS-M5.5-1	1	5.5	Direct直接	500*350*230
PCS-M7.5-1	1	7.5	Direct直接	500*350*230
PCS-M11-1	1	11	Direct直接	500*350*230

如蒙洽询请指示下列各项
For further details, please fulfill the chart below.

客户 Customer _____ 承办人员 Undertaker _____
 工程名称 Name of project _____ 工程地点 Address of project _____
 电话 Telephone _____ 传真 Fax _____

*用途 Application	<input type="checkbox"/> 生活给水控制 Life feedwater control		<input type="checkbox"/> 潜水泵排水控制 Sewage control for submersible pump	
	<input type="checkbox"/> 消防给水控制 Fire water supply control		<input type="checkbox"/> 消防稳压控制 Fire voltage regulation control	
	<input type="checkbox"/> 罗茨风机送风控制 Air supply control for Roots blower		<input type="checkbox"/> 搅拌机、推流器控制 Mixer, Propeller control	
	<input type="checkbox"/> 空调循环控制 Cycle control for air conditioning		<input type="checkbox"/> 空调补水控制 Water replenishing control for air conditioning	
	<input type="checkbox"/> 其它特殊控制 Other special controls			
控制设备（水泵、风机等）型号规格 Model specifications for control equipments (pumps, blowers etc.)	*型号Model		*功率Power	kW
	*数量Quantity		是否有备用 Whether there is a standby: <input type="checkbox"/> 有Yes <input type="checkbox"/> 无No	
	辅助小泵、外围设备等Auxiliary small pumps and peripheral equipments:			
*使用条件 Use requirement	*工作电压Working voltage	<input type="checkbox"/> 380V <input type="checkbox"/> 220V	*工作频率Operating frequency	<input type="checkbox"/> 50Hz <input type="checkbox"/> 60Hz
*控制方式 Control mode	<input type="checkbox"/> 浮球液位控制 Floater level control		<input type="checkbox"/> 压力控制（ <input type="checkbox"/> 常规高、低压差控制 <input type="checkbox"/> 变频恒压控制） Pressure control (<input type="checkbox"/> Conventional high and low voltage differential pressure control <input type="checkbox"/> Frequency conversion constant pressure control)	
	<input type="checkbox"/> 其它 Others			
*电机起动方式 Motor starting mode	<input type="checkbox"/> 全压直接起动 Full pressure direct starting		<input type="checkbox"/> 星-三角降压起动（常规15kW及以上自带此功能） Star-delta reduced voltage starting (with this function for conventional 15 kW and above)	
	<input type="checkbox"/> 软启动器起动（ <input type="checkbox"/> 配1台 <input type="checkbox"/> 全配） Soft starter starting (<input type="checkbox"/> 1 set furnished <input type="checkbox"/> Fully furnished)		<input type="checkbox"/> 变频器起动（ <input type="checkbox"/> 配1台 <input type="checkbox"/> 全配） Frequency converter starting (<input type="checkbox"/> 1 set furnished <input type="checkbox"/> Fully furnished)	
控制箱体材质 Case material for control box	<input type="checkbox"/> 碳钢Carbon steel <input type="checkbox"/> 不锈钢Stainless steel <input type="checkbox"/> 其它Others: _____。			
控制箱安装方式 Installation method for control box	<input type="checkbox"/> 壁挂安装Wall mounting <input type="checkbox"/> 落地安装Floor installation			
控制箱安装地点 Installation site for control box	<input type="checkbox"/> 室内（单层门）Indoor (single storied gate) <input type="checkbox"/> 室外（双层门）Outdoor (two storied gate)			
主用电器元件品牌 Brand of the main electrical components	断路器/接触器/热继电器 Circuit breaker/Contactor/Thermal relay	<input type="checkbox"/> 施耐德 Schneider	<input type="checkbox"/> 士林 Shihlin	<input type="checkbox"/> 正泰 Chint
	变频器 Frequency converter	<input type="checkbox"/> ABB ABB	<input type="checkbox"/> 西门子 Siemens	<input type="checkbox"/> 其它品牌: _____。
	PLC（可编程序控制器） PLC (Programmable logic controller)	<input type="checkbox"/> OMRON OMRON	<input type="checkbox"/> 西门子 Siemens	<input type="checkbox"/> 其它品牌: _____。
其它特殊要求 Other special requirements	定时切换、缺相保护、漏电保护、干接点、超温漏水保护、双电源、通信、环境要求、工作液体介质等特殊要求 timing switching, open-phase protection, earth leakage protection, dry contact, water leakage and overtemperature protection, dual power, communication, environmental requirements, work liquid media and other special requirements			

备注: 1.以上资料请尽可能完整填写。 Notes: 1. Please fill in the parameter lists as complete as possible.
 2.项目前加注“*”者, 请务必填写。 2. The item with “*” must be filled.

欢迎索取以下产品型录



泵系列

- 潜水泵系列
- 陆上泵系列
- 特种泵系列
- 消防泵系列



搅拌推流系列

- 搅拌机系列
- 推流器系列



供氧曝气系列

- 曝气机系列
- 曝气盘系列
- 曝气管系列



风机系列

- 三叶罗茨鼓风机系列
- 增压罗茨鼓风机系列
- 沉水式风机系列



污泥处理设备 及其他

- 固液分离系列
- 泡药设备
- 输送设备



川源（中国）机械有限公司
GSD Industrial Co.,Ltd.

免费咨询电话

400-657-9066

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