

Saia PCD® Portfolio

Be inspired by flexibility



Supervision & Energy Management

Saia PCD Supervisor by SBC is a powerful Niagara 4 based integration and supervision platform, offering a unified vision across all building subsystems in the building, which can also be edited as a whole. It reduces the complexity of managing different applications, thus maximizing uptime and reducing operational efforts.

Saia PCD Supervisor EM by SBC is an extension module to the supervision platform, which gives you even more control over a building's environmental performance and costs.



Saia PCD® Industrial & HVAC Plant Control

SBC offers a comprehensive line of industrial, PLC based controllers to optimize energy consumption and extend the lifetime of heating plants, chillers and air-handling units. Extensive application HVAC libraries, web server functions and connectivity are key elements on which our partners develop their success models.

SBC is integrating all building management systems, such as HVAC, lighting, shading and more. With its industrial PLC conception, Saia PCD controllers are ideal to applications needed for mission critical functions including CPU, cyber security and network redundancy, for instance for electrical distribution, energy production, water and waste water, traffic and tunnels.

QronoX IEC-Controller



Room Management

SBC offers a wide variety of programmable and configurable room controllers for HVAC room applications (e.g. fan coil units, chilled ceiling, floor heating or VAV), with different backbone communication interfaces (IP, BACnet, Modbus, S-Bus).

With scalable and flexible integration options can be created cross-plant room automation for HVAC, Light and Blind which enables not only high energy cost savings but also maximizing comfort and well-being.

S Bus Modbus



PCD7.LRxx-P5
Sylok

BACnet



PCD7.LRxx
Sylok



RoomUp-App

TCP/IP



PCD7.D443xxxxx

S Bus Modbus



PCD1.W52xx

HTML5 Touch Panel, Room control units and sensors, lighting and shading

State of the art HTML5 touch panel (with capacitive and resistive touch) from 4.3" to 21" for control cabinet installation.

A wide range of sensors offers the possibility of recording all important measurement data for the room climate. This sensor data can be visualised on room control units and can also be used to change the setpoints.

For Light control are different systems for different requirements available:

- PCD1.F26xx for floor-wide and higher demanding DALI control
- DALI64 lighting control system embedded within a best in class PIR sensor where a simplified commissioning can be achieved with the intuitive Light Touch commissioning App
- EasyClickPro with wireless integration to save wiring cost and gain flexibility especially in retrofit projects

TCP/IP



HTML5

Sylok



PCD7.LR-TRxx

Modbus



TR80

Modbus



C7355A105

DALI



DALI64

DALI



PCD1.F26xx



EasyClick
(Lighting, Shading)

Field Devices

Controlling the efficiency of a system is heavily dependent upon the quality of the connected field devices and the information these provide. SBC offers a complete range of Honeywell field devices.



Sensors A range of devices for measuring temperature, humidity, air quality and pressure. The wireless sensors deliver significant benefits in terms of ease of installation and cost.



Meters The SBC range of field devices is complemented by a portfolio of intelligent meters for heat, flow and electricity.



Valves & Actuators The range of valves and actuators cover all HVAC applications including 2-way, 3-way and 6-way linear valves. The range of actuators includes: thermic, linear, rotary, direct coupled actuators for air dampers, ventilation flaps, louvres and VAV-units.



Variable Speed Drives The range starts at 3.3 Amps and scales to 310 Amp. Drives are available in IP21 and IP54 versions. They fulfill the requirements from the latest version of the EN61000-3-12 regarding harmonics.