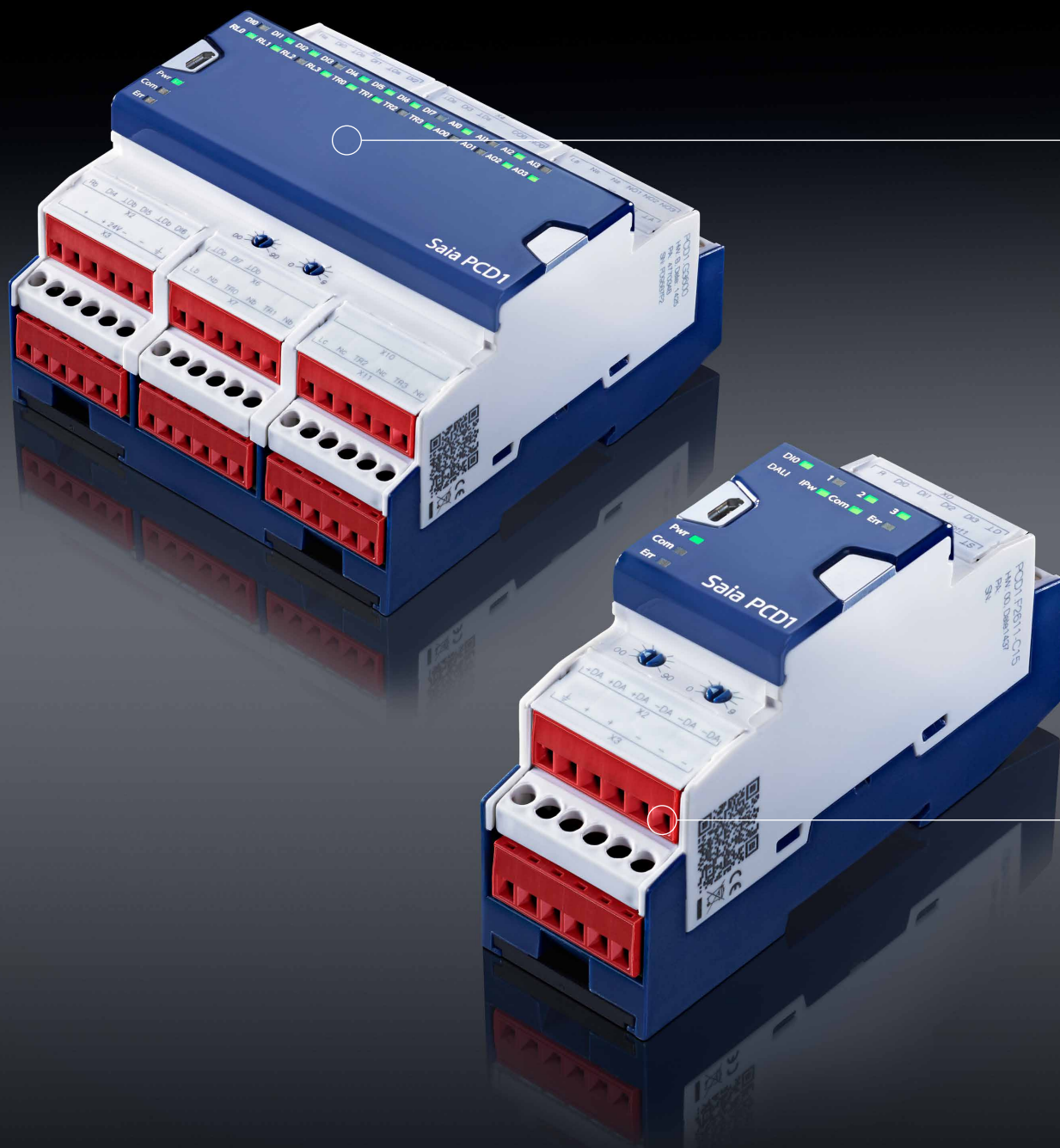


# E-Line Room Control

You specify the program





## Energy-efficient room automation

Modern room automation must be flexible and network-capable while meeting the high and demanding energy efficiency targets in accordance with DIN EN 15232. The new Saia PCD® E-Line model series supports inter-plant room automation with applications and function modules for heating/ventilation/air-conditioning and light and shading. The adaptable module configuration and programming with template objects promote energy-efficient operation and support easy and safe commissioning. The «Made in Switzerland» industrial quality also guarantees a high level of reliability and a long service life.



### Fully programmable over the entire service life

Saia PCD® has been renowned for full programmability and cross-generational compatibility for over 30 years. Applications can therefore be adapted at any time and loaded during operation. Service and maintenance is easy and efficient owing to the long service life of the hardware of over 15 years.



### A range of products for your room automation

The system is optimally matched to different requirements in the room. The modules for air-conditioning, light and shading can be combined centrally or decentrally with your automation solution as required.



### Full range of room control devices that can be combined with bus and radio

Room operation is individual in terms of visual design and function. You decide which devices are best suited to your concept. You have a wide selection of the diverse communication options provided by a Saia PCD®.



### Fast engineering with templates and libraries

The function libraries E-Suite, EnOcean, DALI, HVC, etc. offer turnkey solutions for typical tasks in the room. In practice these program templates provide simple engineering for hotel rooms and office spaces, for example.



### Compact and autonomous

When used together with a floor controller, the programmable E-Line E/A modules are ideal for automating rooms across different floors. The modules can also be controlled autonomously in the individual rooms. Thanks to their compact design, the modules can be installed in even the tiniest spaces.

« Our proprietary programming language for Saia PCD controllers has guaranteed compatibility for over 30 years. »

Oliver Greune  
Product Manager Building Automation

### General data and applications

Supply voltage	24 VAC/DC, -15/+20% max.
Service interfaces	USB and NFC
Communication	RS-485 (S-Bus) with galvanic isolation Bit rate: 9600, 19200, 38400, 57600, 115200 bps (autobauding)
Terminals	Screw or push-in spring terminals, 1.5mm <sup>2</sup> max.
PCD1.F2611-C15	DALI module with integrated DALI bus voltage supply
PCD1.G3600-C15	Module for HVAC applications (fan coil, VAV, cooling ceiling radiators, etc.) and general applications
PCD1.G3601-C15	Module for HVAC applications with additional RS-485 interface for intelligent room control devices
PCD1.G1100-C15	Module for light and shading
PCD1.W5300-C15	Module for VAV applications and control circuits with 100% analogue components

### Order details

Type	Digital input	Relay	Analog input	Analog output	TRIAC	Width	add. Interfaces
PCD1.F2611-C15 (E-Line DALI module + add. RS-485)	4	-	-	-	-	2 units (70 mm)	RS-485, DALI
PCD1.G3600-C15 (E-Line room module)	8	4	4	4	4	6 units (105 mm)	-
PCD1.G3601-C15 (E-Line room module and add. RS-485)	8	4	4	4	4	6 units (105 mm)	RS-485
PCD1.G1100-C15 (E-Line light and shading module)	4	2	-	2	-	2 units (70 mm)	-
PCD1.W5300-C15 (E-Line analogue module)	-	-	4	4	-	2 units (70 mm)	-

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