



Plug & play SHADING CONTROL

What makes this new "Performance" series of shading control so simple:

- Each installer can install everything intuitively without the need for complex programming.
- Simple manual.
- For the operation of shading control indoors and outdoors.
- In rooms with or without false ceilings.
- Operation via push buttons, weather station and/or central control panel.

GIA Systems is a Belgian manufacturer of integrated pluggable solutions and an intelligent bus system for electrical installations in small to very large buildings such as offices, care centres and other utility buildings. Thanks to its specialisation, GIA systems forms a link between the user/building manager, the architect/design office and the electrical installer.

To date, GIA Systems offers various controls for shading control and screens via the GIA bus system. This bus system can also be used to control other techniques such as, for example, lighting, after-control HVAC, etc. This has several advantages. For example, the bus offers maximum flexibility for (re-)configuration of the installation. A visualisation, with or without remote control, can be configured via network links. In addition, the fixed system components of the bus system can be used jointly to control the various technologies and thus reduce the associated costs.



Switch to efficiency

However, in our continuous quest for maximum efficiency, we at GIA Systems were increasingly convinced that in simpler installations where only shading control and screens need to be controlled, price/technically optimal solutions are possible to achieve this. That is why we are now coming up with a new standalone plug-and-play solution for the control of different types of shading control.

This new range of products includes standalone solutions for shading control. It can be intuitively commissioned by any installer or shading supplier, without the need for complex programming, whether or not carried out by an external party.

Depending on the desired functionalities, there are three different systems:
BASIC, PERFORMANCE and ADVANCED

The PREMIUM system comprises the existing control via the GIA bus system, the details of which can be found extensively in our general catalogue and on the website.

The diagram below is just an example of what is possible with the standalone shading control systems. Deviations and extensions are of course possible.

GIA Shading control solutions

Basic

Application: Controlling (up/down - open/close) of shading / screens / curtains in interior environments of rooms with false ceilings.

Operation: Rotary switch

GIA system: Flexbox®

Performance

Application: Control (up/down - open/close) of shading / screens / curtains in indoor and outdoor environments of rooms with or without false ceilings.

Operation: Push buttons + weather station + touch screen for central functions.

GIA system: Standalone Screen Control

Advanced

Application: Control (up/down - open/close) of shading / screens / curtains in indoor and outdoor environments of rooms with false ceilings.

Operation: Push buttons + weather station

GIA system: Smartflexx®

Premium

Application: Control (up/down - open/close) of shading / screens / curtains in indoor and outdoor environments of rooms with or without false ceilings.

Operation: Push buttons + weather station + touch screen + pc + smartphone + tablet.

GIA system: GIA BUS

		Basic	Performance	Advanced	Premium
Functions	local operation per room	•	•	•	•
	local operation per facade per floor		•	•	•
	central operation per floor				•
	central operation per facade/wind direction		•	•	•
	window washer/blocking function		•	•	•
	automatic operation with weather station		•	•	•
	clock		•	•	•
Operation	rotary switch	•			
	push buttons		•	•	•
	touch screen		•		•
	smartphone				•
	tablet				•
	PC				•
Hardware	DIN-rail housing with screw terminals		•		•
	GIA housing with connectors	•		•	
	combination DIN-rail + GIA housing		•	•	•
Cabling	central		•		•
	decentral	•		•	
	combination central + decentral		•	•	•
Expansion of additional techniques	lighting			•	•
	HVAC adjustment			•	•
	BMS				•

GIA systems is happy to advise you on your specific solution and develops a well thought-out and complete solution for every project.